



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

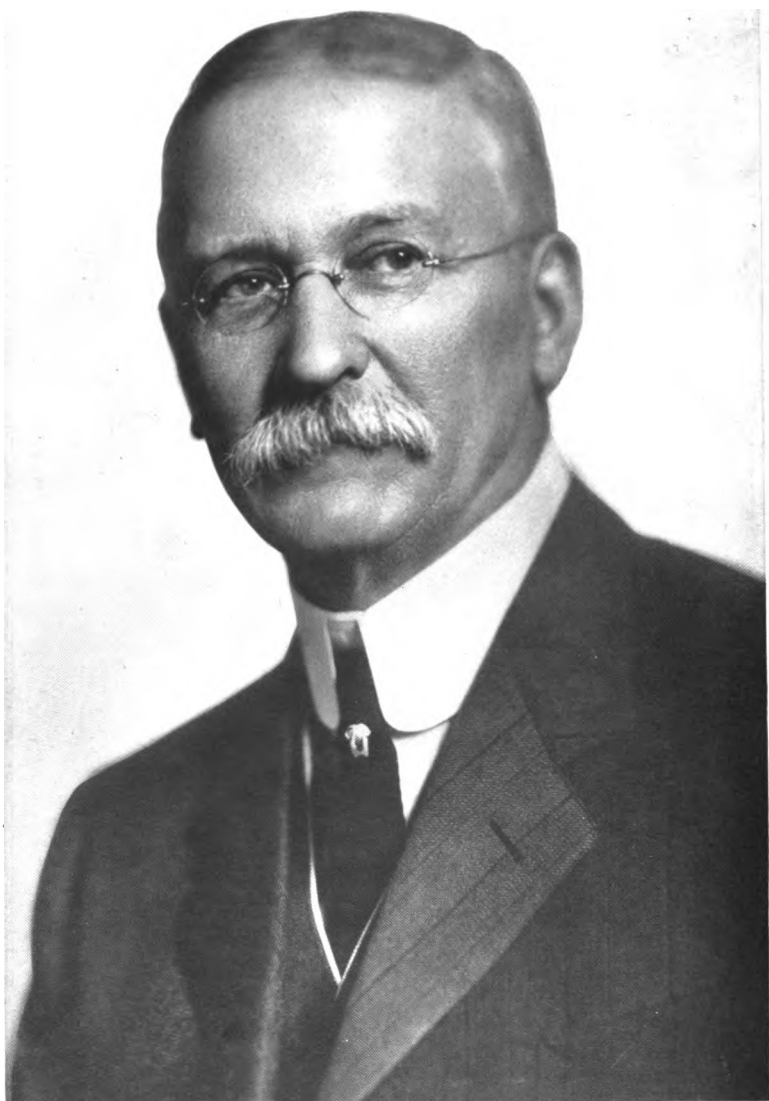
Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>



Annual Report

Minneapolis (Minn.). Board of Park Commissioners.
Horace William Shaler Cleveland





WILBUR F. DECKER
President Board of Park Commissioners, 1909-1911

**TWENTY NINTH
ANNUAL REPORT
BOARD OF PARK
COMMISSIONERS**



**CITY OF MINNEAPOLIS
NINETEEN HUNDRED-ELEVEN**



WARREN · H · MANNING

INDEX OF CONTENTS

PRESIDENT'S REPORT

| | |
|---|----|
| President's Report | 9 |
| Acquisitions | 12 |
| Civic Celebration | 21 |
| Conclusion | 30 |
| Co-Operation with Society Fine Arts | 23 |
| Co-Operation with University | 24 |
| Finances | 28 |
| Gateway Improvements Deferred | 25 |
| Harbor Lines | 25 |
| Improvements | 15 |
| Linking of Lakes | 21 |
| Play Grounds | 15 |
| Recommendations | 30 |
| Tree Planting | 19 |
| Wild Botanic Garden | 19 |

SUPERINTENDENT'S REPORT

| | |
|-------------------------------|----|
| Superintendent's Report | 37 |
| General Maintenance | 37 |

IMPROVEMENTS AND IMPORTANT REPAIRS—

| | |
|-----------------------------------|--------|
| Bryant Square | 66 |
| Camden Park | 64 |
| Columbia Park | 64 |
| Concert Season | 101 |
| Dean Boulevard | 47 |
| Dredging—Final Statement | 43 |
| Dredging—Lake Calhoun, 1911 | 51 |
| Elliot Park | 63 |
| Engineering | 85-90 |
| Euclid Triangle | 66 |
| Farwell Park | 65 |
| Floriculture | 57 |
| Forestry | 72-76 |
| Glenwood Park | 68 |
| Glenwood—Camden Parkway | 68 |
| Groveland Triangle | 39 |
| Jackson Square | 63 |
| Kenwood Park | 40 |
| Kenwood Parkway | 39 |
| King's Highway | 60 |
| Lake Calhoun | 49 |
| Lake Connections | 45 |
| Lake Harriet | 53 |
| Lake of the Isles | 40 |
| Lake Nokomis | 60 |
| Lighting of Boulevards | 47 |
| Logan Park | 63 |
| Loring Park | 39 |
| Lowry Triangle | 39 |
| Lyndale Farmstead | 55 |
| Lyndale Park | 55 |
| Minnehaha Park | 60 |
| Minnehaha Parkway | 60 |
| Mississippi Park | 60 |
| North Commons | 65 |
| Nursery | 58 |
| Oiling of Roads | 69-71 |
| Playgrounds | 77-85 |
| Police Force | 90-94 |
| Powderhorn Lake Park | 65 |
| Refectories | 94-101 |

| | |
|-------------------------|-------|
| River Road East | 62 |
| River Road West | 62 |
| Riverside Park | 62 |
| Road Machine | 72 |
| Stinson Boulevard | 63 |
| The Parade | 39 |
| Tree Planting | 72-74 |
| Triangles | 68 |
| Well Drilling | 69 |
| Windom Park | 64 |

SUGGESTIONS, RECOMMENDATIONS AND COMMENTS—

| | | | |
|--|-----|-------------------------------------|-----|
| Camden Park | 110 | Lake of Isles | 116 |
| Cedar Lake Boulevard | 109 | Lake Nokomis | 120 |
| Conclusion | 127 | Lake Street Improvements | 117 |
| Division Street Boulevard | 121 | Loring Park | 110 |
| East Minneapolis Parkway Extension | 110 | Minnehaha Park | 107 |
| Elliot Park | 121 | Minnehaha Parkway | 103 |
| Finances | 125 | North Commons | 119 |
| Franklin Steele Square | 121 | Parade, The | 114 |
| General Remarks | 124 | Park Area | 124 |
| Glenwood Park | 109 | Park Boulevard | 118 |
| Green Houses | 122 | Pavements | 124 |
| Kenwood Park | 121 | Playgrounds | 123 |
| King's Highway | 119 | Powderhorn Lake Park | 119 |
| Lake Calhoun, East | 118 | River Flats | 124 |
| Lake Calhoun, West | 117 | Stinson Boulevard | 120 |
| Lake Calhoun Baths | 117 | Street Trees | 122 |
| Lake Calhoun Boats | 126 | Tower Hill | 120 |
| Lake Harriet | 119 | Twenty-ninth Street Boulevard | 121 |
| Lake Harriet Boats | 126 | Van Cleve Park | 120 |
| | | Working Force | 128 |

PLANS—

| | |
|-------------------------------------|------|
| Expenditures | 93a |
| Franklin Steele Square | 120a |
| Glenwood Park Street Vacation | 109a |
| Longfellow Field | 122a |
| Loring Park | 110a |
| Minnehaha Parkway | 103a |
| Parade, The | 115a |
| Park System | 11 |
| Van Cleve Park | 119a |

ILLUSTRATIONS—

| | |
|---|----------|
| Bridge Number One | 44 |
| Bridge Number Two | 46 |
| Bridge Number Three | 48 |
| Bridge Number Four | 50 |
| Cedar Lake—View from Burnham Wood | 108 |
| Decker, Wilbur F., President | 2 |
| Glenwood Park | 35 |
| Glenwood Park—Cold Spring | 18 |
| Glenwood Park—Ski Contest | 31-33 |
| Glenwood Camden Parkway | 14 |
| Lake Calhoun—Aviation Demonstration | 36 |
| Lake Harriet—Canoe Dock | 102 |
| Lake Harriet—Canoe Club | 95 |
| Lake Harriet—Fireworks | 26 |
| Lake Harriet—Fife Driving | 52 |
| Lake Harriet—Proposed Building at Car Line | 54 |
| Lake Harriet—Roof Garden at Night | 97 |
| Lake Harriet—Upper Drive | 29 |
| Linking of the Lakes | 20 |
| Linking of the Lakes—Bridge Number One | 38 |
| Linking of the Lakes—First Trip "Maid of the Isles" | 22 |
| Loring Park—Squirrels | 133 |
| Loring Park, Summer | 112 |
| Loring Park, Winter | 113 |
| Lyndale Park | 16 |
| Lyndale Park—Rose Culture | 56 |
| Minnehaha Falls | 128 |
| Minnehaha Park, Looking Toward Soldiers' Home | 61 |
| Minnehaha Parkway | 8, 41-59 |
| Parade—Play Ground Contest | 82 |
| Powderhorn Lake Park, Play Grounds | 78 |
| Van Cleve Park, Skating | 70 |
| ATTORNEY'S REPORT | 129-132 |
| SECRETARY'S FINANCIAL REPORT | 135-159 |

Digitized by Google

Board of Park Commissioners 1912

Terms Expiring 1913

PORTIUS C. DEMING
WILLIAM McMILLAN

CHARLES A. NIMOCKS
CARL F. E. PETERSON

Terms Expiring 1915

P. D. BOUTELL
FRED W. NYE

JESSE E. NORTHRUP
THOS. VOEGELI

Terms Expiring 1917

JOHN W. ALLAN
HARRY B. CRAMER

WILBUR F. DECKER
EDMUND J. PHELPS

Ex-Officio Members

JAMES C. HAYNES
Mayor

MAURICE P. MCINERNEY
Chairman Council Committee on Roads and Bridges

EDWARD W. HAWLEY
Chairman Council Committee on Public Grounds and Buildings

Officers, 1912

| | | | | | | | | |
|-------------------------------------|---|---|---|---|---|---|---|--------------------------|
| EDMUND J. PHELPS | - | - | - | - | - | - | - | President |
| THOMAS VOEGELI | - | - | - | - | - | - | - | Vice-President |
| J. A. RIDGWAY | - | - | - | - | - | - | - | Secretary |
| C. A. BLOOMQUIST, <i>Ex-Officio</i> | - | - | - | - | - | - | - | Treasurer |
| CHELSEA J. ROCKWOOD | - | - | - | - | - | - | - | Attorney |
| THEODORE WIRTH | - | - | - | - | - | - | - | Superintendent |
| C. A. BOSSEN | - | - | - | - | - | - | - | Assistant Superintendent |

Standing Committees, 1912

Improvements—Commissioners Decker, Northrup, Peterson, Deming and Voegeli.

Finance—Commissioners Nimocks, Nye, Boutell, Decker and McInerney.

Designation and Acquisition of Grounds—Commissioners Nye, Nimocks, Haynes, McMillan and Hawley.

Employment—Commissioners Allan, Nimocks, Deming, Northrup and McMillan.

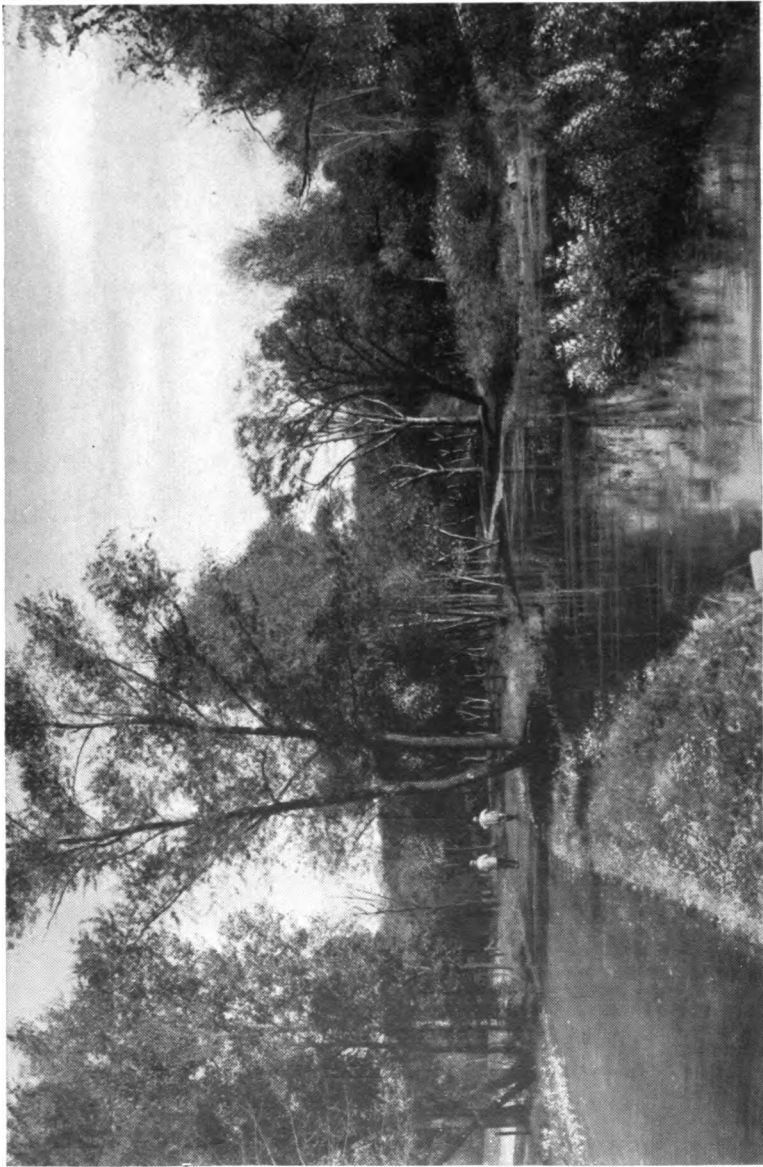
Privileges and Entertainments—Commissioners Peterson, Northrup, Hawley, Boutell and Decker.

Purchases—Commissioners McMillan, Voegeli, Cramer, Allan and Decker.

Playgrounds—Commissioners Voegeli, Cramer, Haynes, Nye and Peterson.

Forestry—Commissioners Deming, McInerney, Boutell, Cramer and Allan

The President, an additional member of all standing committees, having a vote when needed to make a quorum of three.



Scene Along Minnehaha Parkway



PRESIDENT'S REPORT

Minneapolis, Minn., Jan. 20, 1912.
*To the Honorable Board of Park Commissioners
of the City of Minneapolis:*

Gentlemen:

I have the honor to submit my annual report for the year 1911. Large additions have been made to our park areas, a considerable amount of constructional work has been accomplished and the year has been otherwise marked by important events.

The reports of the Secretary, Attorney and Superintendent, which are also before you, cover the greater part of the work of the year very thoroughly and make it unnecessary for me to review every transaction.

Before mentioning any of the events of the year or making any specific recommendations I desire to say a few words about park work in general and the opportunities for service that present themselves to us.

We all know that pleasant natural conditions have a soothing effect on tired nerves, that a certain amount of exercise in the open air is necessary for the preservation of health and that nature supplies the conditions of man's physical life generally. It is equally true that we are indebted to nature for our inspiration in art, for the best examples of beauty, order and fitness and for the deepest lessons in almost every phase of life.

A large proportion of the population of this country now live in cities, and city dwellers are mainly dependent on park commissions for their opportunities to enjoy nature. Are not, then, the duties which we have to perform of the very greatest importance, and should we not see to it that provision is made whereby each and every citizen may come into touch with this inexhaustible source of refreshment and instruction?

The duties of park commissions are not discharged when the petitions of those who realize their needs have been acted upon favorably, nor when the requests of groups of citizens who have worthy ends in view but who have not considered the whole problem have been complied with.

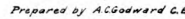
The members of this Board have many things in mind that ought to be done in the way of providing better park facilities in different parts of the city, and when to these are added the various proposals that are from time to time urged upon us, it is difficult to decide what is the most important thing to be done and in what order the work should be taken up. It is not only necessary to decide whether or not a thing is desirable from a park standpoint but what, of all the desirable things, is *most* important.

The efforts of this Board have so far been largely devoted to the supplying of general park needs; and certainly no mistake was made in acquiring those fine tracts of land and water, so adaptable to park purposes and so rich in unusual features, that skirt the borders of our city.

We have established a considerable number of neighborhood parks and play grounds in various parts of the city, but there are still many young children, toilers and others who are in need of better park and play ground facilities. We have been diligent in acquiring features that are appreciated by those who ride and drive, but there is still much to be done for the benefit of those who are necessarily confined to the immediate vicinity of their own homes.

We are proud of our chain of lakes, of our water falls and of our other fine natural features and we have done much in the way of adding to their attractiveness and toward

PARK AREA
3686 ACRES



making their beauties accessible. But these things were lying at our doors, and not to have taken them into our park system and not to have made the most of them in every possible way would have been gross and unpardonable negligence. Now that this important matter has been taken care of let us give our attention to other duties which may be less obvious but which are certainly not less important. I shall speak specifically of certain local needs—as they appear to me—after presenting a general review of the work of the year.

ACQUISITIONS.

Our entire park system now comprises 3,686 acres. Of this total area almost exactly one-third is made up of lakes, lagoons and canals over which we have complete control.

Assuming that our present population is 325,000, our park area, exclusive of water, allows 322 sq. ft., or more than one square rod, for each inhabitant. If every man, woman and child in Minneapolis were to go to the parks at one time there would be room for each one to "swing a cat" without interfering with his neighbors, and if all should embark at one time on the park lakes and lagoons each would have 172 sq. ft. of water on which to navigate his own canoe.

During the past year the Board has acquired the following tracts: Dorilus Morrison Park, 8.49 acres, by gift from Mr. Clinton Morrison; Washburn Fair Oaks, 7.48 acres, by purchase from General William D. Washburn; Bryn Mawr Meadows, 39.3 acres, by purchase; Glenwood-Camden Parkway, 164.56 acres, by purchase and condemnation; an addition to Glenwood Park, 24.6 acres, by purchase; an addition to Mississippi Park adjoining Riverside Park, 22.5 acres, by purchase and condemnation; Longfellow Field, 4.22 acres, by purchase; Sumner Field, 3.01 acres, by purchase; Columbia Park addition, 13.37 acres, by purchase; Seventh Ward Play Ground, 2.70 acres, by purchase; and various triangles and street properties turned over to the Board by the City Council, having in the aggregate an area of a little more than 3 acres. Most of the purchases were made on the certificate

and assessment plan, but thirty per cent of the cost of the addition to Mississippi Park, thirty per cent of the cost of Glenwood-Camden Parkway, the entire cost of Longfellow Field, Sumner Field and the Seventh Ward play ground were paid out of the proceeds of sales of city bonds, specially authorized by the last legislature.

Of the Morrison and Washburn tracts I shall speak farther on, as the circumstances under which they were acquired were unusual and should be especially mentioned, but I desire here to call attention to the fact that during the year 1911 the last gap was closed on the west side of the Mississippi River and the Board now has possession of both banks of the river from Sixth Street on the west side and the University grounds on the east side, to the city limits. That portion of Mississippi Park which lies west of the river is now a little more than five miles in length.

The acquisition of a strip of land varying in width from one hundred to three hundred feet and extending from Nineteenth Avenue North nearly to Forty-fifth Avenue North and thence easterly to Camden Place will enable us to extend Glenwood-Camden Parkway to Camden Park and will leave a gap of less than five miles in the "Grand Rounds," or city circuit. This circuit drive will be about thirty miles in length when completed and will embrace an unusual variety of interesting park features.

Longfellow Field is bounded by Minnehaha Avenue, Twenty-sixth Avenue South, East Twenty-eighth and East Twenty-ninth Streets and goes far in the way of supplying play ground facilities in that part of South Minneapolis.

Sumner Field, located between Bryant and Dupont Avenues North, near Eleventh Avenue North, supplies a much needed play ground in a congested district of the Third Ward.

The addition to Columbia Park consists of a finely wooded tract lying immediately west of Central Avenue and north of Thirty-first Avenue Northeast.



Twin Elms on the New Glenwood-Camden Parkway

IMPROVEMENTS.

Following are the most important improvements of the year: the completion of the waterway between Lake Calhoun and Lake of the Isles and the necessary bridges over the same; the grading and seeding of the banks of Lake of the Isles; the side grading along River Road East; the reconstruction of the south wing of Lake Harriet pavilion; the finishing of the easterly section of Lyndale Park; a large amount of grading at North Commons; the excavation of the lagoon between Lake Calhoun and Lake of the Isles; a large amount of dredging and filling along the northwesterly shore of Lake Calhoun; a considerable amount of well drilling in various parks and triangles; the building of temporary bath houses at Lake Nokomis and at Glenwood lake and the beginning of a new concrete bath house at Lake Calhoun.

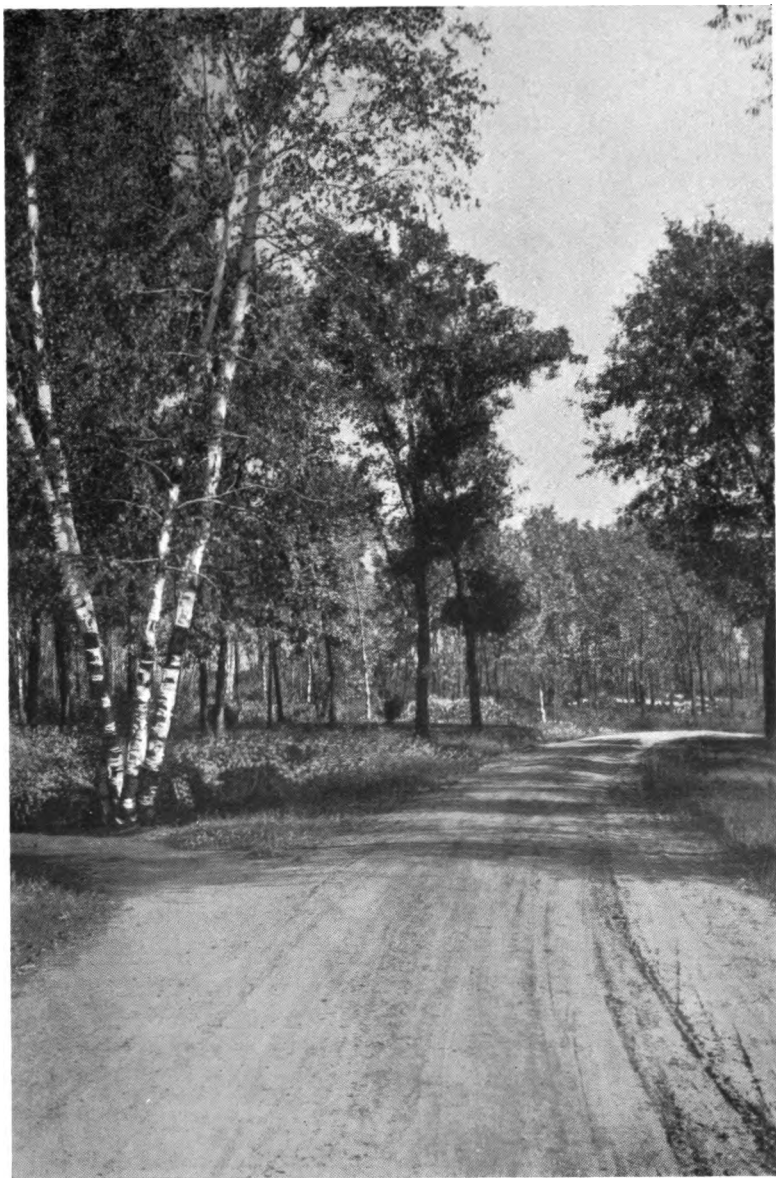
The plans that were made a year ago for a large bath house at Lake Calhoun have been modified somewhat. The revised plans provide for a larger number of bathers than did the original plans, with a slight decrease in the size of the building. After investigating the locker system in use at Diversey Beach, Chicago, the Improvement Committee recommended that this system be adopted for the Calhoun bath house and the plans were changed accordingly. The plans as finally adopted provide for nearly 15,000 bathers during a day of ten hours, assuming that the average time required for each bather will be one hour.

The pile foundation for this structure is already in place, and it is expected that the entire building will be completed and ready for use not later than July 1st of the present year.

The Superintendent's report gives a full account of work on the park bridges and other important improvements and I commend the same as worthy of your special attention.

PLAY GROUNDS.

A bond authorization to the amount of \$50,000 was asked of the Legislature a year ago for play ground purposes. The full amount was allowed and the bonds have since been sold.



Drive in Lyndale Park

It has been decided that \$45,000 of the amount shall be used for the acquisition of land and \$5,000 for the purchase of play ground equipment. When the Play Ground Committee came to look over the field with a view to locating play grounds where they were most needed difficulties were encountered that had not been fully foreseen. Localities that were most in need of play ground facilities were naturally lacking in unoccupied lands and it was found almost impossible to secure grounds of reasonable size without including property already built upon. However, one play ground in the Third Ward, one in the Twelfth Ward and one in the Seventh Ward have already been located, and negotiations are pending which it is hoped will result in the establishment of play grounds in the First and Second Wards within the next few months.

A conference was held with the Board of Education last September and a general plan of co-operation was adopted whereby it was agreed that play grounds for small children should be established by the School Board in or adjacent to school grounds and that the Park Board should undertake to provide play grounds for older children in other parts of the city. It is my belief that this plan will work out very satisfactorily and that it will prevent overlapping and duplication of effort that might otherwise occur.

Superintendent Wirth has made an excellent plan for the establishment of base ball and foot ball grounds on that part of the Parade that lies between Laurel Avenue and Erie Avenue. The scheme involves the construction of a fire proof grand stand and other first class conveniences. The expense of carrying out this plan would be considerable and I am unable to see how it can be executed in the near future unless some public spirited citizen shall come forward with a donation for the purpose. Such an athletic field named after the donor would be a lasting memorial that any man might well be pleased to leave behind him.

The Superintendent's report and the report of the Supervisor of Play Grounds, herewith, give detailed accounts of what was accomplished in this important branch of our work



Glenwood Park Near Cold Spring

during the past year and contain recommendations that are worthy of most careful consideration.

THE WILD BOTANIC GARDEN.

We have in Glenwood Park a little valley which is unusually rich in plant life and which affords an unusual opportunity for the study of wild natural conditions. Miss Eloise Butler, teacher of Botany in the Minneapolis high schools, has had much to do with bringing these facts to the attention of the public and in suggesting how these natural conditions might best be preserved.

Early last season an arrangement was made with Miss Butler to act as curator with actual supervision of this wild garden, and her report for the season of 1911 will be found attached to the Superintendent's report, herewith.

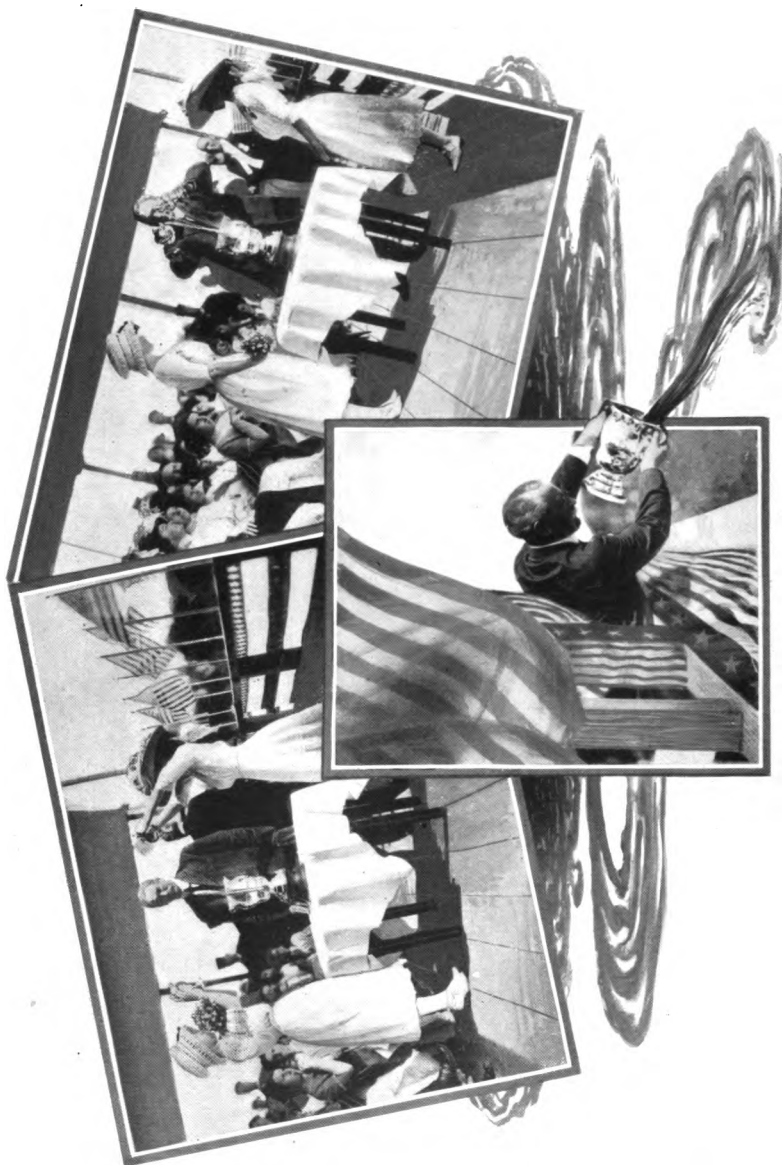
The arrangement with Miss Butler for last season was concluded after the year's appropriations had been made, and when no money was available for additional salaries, but the Woman's Club of Minneapolis made the generous offer to provide the salary for 1911 with the understanding that the curatorship should be understood to be established and that the salary of the curator should in the future be paid by the Park Board.

In my opinion Miss Butler's services are valuable in this connection and ought to be continued, and I trust that arrangements will be made to secure her services at a reasonable salary for the coming year.

TREE PLANTING.

More shade trees were ordered planted on city streets during the year 1911 than for many years past—1,857 in all.

These plantings were decided upon after looking the city over with a view to ascertaining where trees were most needed to enhance the beauty of the city and with regard for the probable future development of residential districts. A large part of the work of planting still remains to be done, but it will be taken up again as soon as frost is out of the ground, and will be carried forward as rapidly as possible.



Linking of the Lakes Ceremony July 5, 1911

Assessments at the rate of \$6.00 per tree will be levied against abutting property. This is estimated to be slightly below the actual cost of purchasing, planting and caring for the trees for a period of three years.

A complete schedule of the various plantings will be found in the printed proceedings of the Board under date of September 25, 1911.

CIVIC CELEBRATION AND LINKING OF THE LAKES.

A water connection between Lake Calhoun and Lake of the Isles was first proposed many years ago. Work on the project was actually begun in 1910 and finished last July.

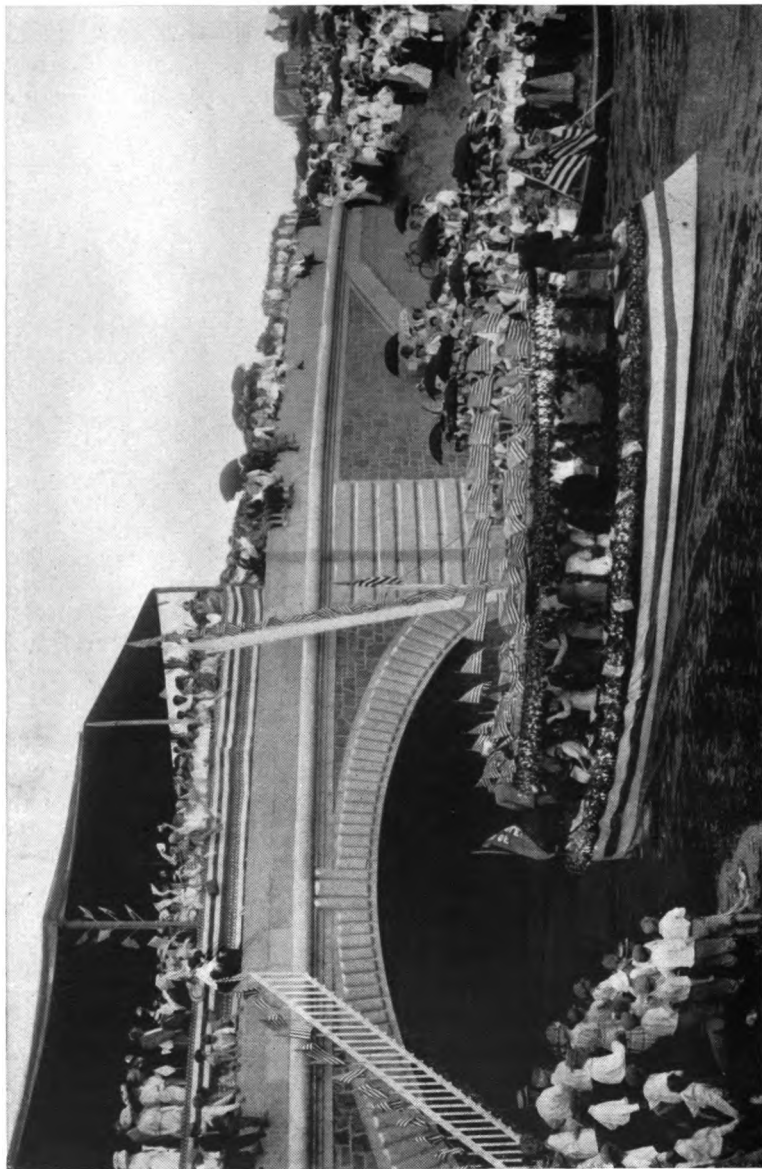
The digging of the canal and the building of the necessary bridges have already been referred to. The completion of this work was considered an event of sufficient importance to be marked by special ceremony as a feature of the Civic Celebration of 1911.

On the afternoon of July 5 brief addresses were made by Mr. A. W. Warnock, President of the Civic Celebration, by Mayor Haynes and by the President of the Park Board, and a poem, composed for the occasion by Mr. W. A. Frisbie, was read. The waters of the two lakes were then mingled in a loving cup, the barriers were raised and boats and canoes were for the first time enabled to pass freely in both directions. The linking ceremony was followed by water sports, and in the evening a gorgeous water fete was given on Lake of the Isles.

On the night of July 4th a grand display of fireworks was given at Lake Harriet, and it is estimated that not less than 100,000 people enjoyed the sight.

At Loring Park a historical play, illustrating the history of the Northwest from the pioneer period to the present time, was given on an open air stage by 300 amateur actors. Three performances were given, each of which was witnessed by about 25,000 people.

All parks were open for play festivals and concerts and were visited by large numbers of people. The small amount



Maid of The Isles Making First Trip Through Canal Connecting Lake Calhoun and Lake of The Isles

of trouble and expense that was necessary to adapt the parks to the requirements of the celebration were, in my opinion, amply justified by the success of the undertaking.

CO-OPERATION WITH THE SOCIETY OF FINE ARTS.

One of the most important events, not only of the year 1911, but in the entire history of Minneapolis, was the presentation by Mr. Clinton Morrison of a plot of land of nearly ten acres in one of the best residential districts of the city and the giving of sufficient funds by public spirited citizens to build and equip a magnificent museum of art thereon. The gift of the land was made public and nearly the entire fund necessary to build the museum was raised at a banquet given at the Minneapolis Club on January 10, 1911.

The land, which is already the property of the city, and the building to be erected thereon will constitute an asset approximating one million dollars in value under the general control of the Park Board. An agreement has been entered into between the Minneapolis Society of Fine Arts and the Park Board by the terms of which the art society is to manage the building and the exhibits and schools of art that may be maintained therein, while the grounds are to be maintained by the Park Board out of the proceeds of a special tax levy.

The exact terms of Mr. Morrison's gift and of the agreement between the Society of Fine Arts and the Park Board will be found in the printed proceedings of the Board under date of April 24, 1911. Plans have been drawn and work will shortly be begun on the main museum building, which is to be one of the finest structures in the West.

A short time after the agreement was entered into between the Society of Fine Arts and the Park Board regarding the museum site a petition was received from citizens in that neighborhood urging that an effort be made to secure the Washburn property, comprising nearly ten acres immediately north of the Morrison property, as a suitable setting and approach to the proposed art museum.

It was known that this magnificent property had cost General Washburn fully \$400,000 exclusive of the land which alone was estimated to be worth in the neighborhood of \$200,000. The probable cost to the city seemed so great that no action was taken until General Washburn came forward with an offer of the property for the sum of \$200,000, reserving, however, a life interest for himself and Mrs. Washburn in the buildings and immediately adjacent lands. The matter was then taken up by the Board and late in December it was voted to acquire the property at the price offered and to issue in payment therefor park certificates payable in ten equal annual installments, the present worth of which, on a five per cent. basis, would amount to \$200,000. The face of the certificates payable as stated without interest was found to be \$272,000. The transaction was completed on December 30th, 1911. An assessment, to meet payments on the certificates, will be levied on the benefited property, the first installment of which will be payable in 1913. This acquisition has been named Washburn Fair Oaks in recognition of General Washburn's liberal offer and in perpetuation of a name that has been attached to the finest private estate in Minneapolis for the past twenty-five years.

CO-OPERATION WITH THE UNIVERSITY.

The campus of the University of Minnesota has been recently extended by the acquisition of all the property lying between the Mississippi River and Union Street. This leaves a narrow strip of park property between the new campus and the river terminating at the Northern Pacific Railway tracks with no outlet toward the north.

The Regents of the University have expressed a desire to have this strip of land turned over to the state as an addition to the campus and have tentatively agreed that if this can be done they will maintain a driveway for public use through the campus which will be in effect an extension of River Road East to one of the main thoroughfares north to the University grounds.

It is also the desire of the University authorities that a portion of the low lying park property between Essex Street and the river, and contiguous to the tongue of land above mentioned, be released to the state for the purpose of establishing a botanic garden to be maintained by the University. Inasmuch as the University grounds are always open to the public and such arrangements with the University authorities as have been suggested would result in a considerable saving to the Board in expense of maintenance and would at the same time afford facilities that are not now enjoyed, I earnestly recommend that some such arrangement as above outlined be entered into as soon as the necessary legislative authority can be secured. Any agreement that may be entered into should also cover the matter of improving and maintaining the driveway through the campus between University Avenue and Pleasant Street, which, though nominally under the control of the Park Board, has been neglected for many years.

HARBOR LINES.

Early in the year 1911 Colonel Francis P. Shunk, Government Engineer in charge of river improvements in this district, submitted drawings with harbor lines indicated on both sides of the Mississippi River between the northern and southern limits of the city. Colonel Shunk stated at that time that the lines as shown on the plans were only tentatively laid down and might be shifted somewhat if any good reason could be given why this should be done. The matter was referred to the Improvement Committee but no action has yet been recommended. It may be possible to establish harbor lines far enough out to permit of the construction of parkways along the river banks and I trust that consideration of the matter will not much longer be delayed.

GATEWAY IMPROVEMENTS DEFERRED.

Late in the year 1911 a special committee of your Honorable Body took up the question of the improvement of Block 37, known as The Gateway.



Fireworks at Lake Harriet Civic Celebration July 4th, 1911

Some difference of opinion as to the proper time for clearing the ground of old buildings being manifest it was agreed to seek a conference with the heads of various civic organizations for the purpose of getting their views with regard to the matter. The following gentlemen met with the committee a few days later :

Mr. A. R. Rogers, President of the Civic and Commerce Association.

Mr. George A. Fisher, President of the Joint Improvement Association.

Mr. E. C. Gale, Secretary of the Civic Commission.

Hon. A. W. Selover, President of the City Council.

Mr. A. Knoblauch, President of the Center Improvement Association.

Hon. Karl DeLaittre, Alderman, Fourth Ward.

After thorough discussion it was unanimously agreed that it would not be wise to make complete arrangements for the improvement of The Gateway until plans for the proposed Union Station and other proposed improvements in that section were farther advanced, and that it would be well to allow the old buildings to stand until May, 1913.

It was shown that a fund of fully \$90,000 might reasonably be expected to be on hand at that time as the net returns from rentals and that this sum would enable the Board to then improve the property very handsomely without the necessity of drawing on other resources. Mr. Gale, who is a member of the Library Board, expressed the opinion that a permanent branch library ought to be established in that neighborhood and that the Library Board might be willing to contribute toward the cost of a small structure of classic design similar to the one recommended by Superintendent Wirth in his annual report two years ago. Such a building, if decided upon, would also serve as a public comfort station and possibly for other public uses.

FINANCES.

There remained in the Park Fund at the beginning of the year \$51,754.10; the receipts of the year were \$895,639.91, making a total of \$947,394.01. The disbursements of the year amounted to \$789,969.88, and there remained in the Park Fund at the end of the year *\$157,424.13.

The considerable sum brought forward, however, is largely made up of amounts left over in special funds that have been set aside for specific purposes.

A committee from your Honorable Body went before the Legislature last winter and asked for bond authorizations to the amount of \$275,000 for the purchase of lands and \$725,000 for needed improvements. The full amount asked for land purchases was allowed and bonds to the amount of \$525,000 were allowed for improvements; \$248,297.50 has already been realized from sales of these bonds and the money is being applied on payments for land and improvements as acquisitions and work progress. We have also realized \$155,325 from the sale of bonds authorized in 1907 and 1909 and have applied the proceeds to the cost of improvements.

We were granted the full limit of one mill on the taxable property of the city by the Board of Tax Levy which yields a revenue of a little less than \$200,000 per annum on the assessed valuation. This amount—and more—is needed for maintenance and administration expenses each year; and, as the cost of maintenance is constantly increasing because of new acquisitions, this problem becomes yearly more difficult.

The Secretary's financial report is well tabulated and itemized and should be carefully examined. It will be seen that we have a considerable sum on hand that was derived from rentals of The Gateway properties. This money will be used to improve Block 37 whenever the Board is ready to proceed with the work; \$6,025.86 was received during the year from the Minneapolis Street Railway Company as the result of a long pending suit for the recovery of one-half the cost of the Queen avenue bridge.

*Note.—Includes City Comptroller's collection account.



Upper Drive, North Shore of Lake Harriet

Boat and canoe rentals yielded a net revenue of \$7,506.77 during the year and \$9,425.28 was realized as a net profit on refectory sales. Other minor sources of revenue will be found enumerated in the Secretary's financial report.

RECOMMENDATIONS AND CONCLUDING REMARKS.

A large number of permanent park improvements have been undertaken within the last three years and a considerable amount of this work is still incomplete. Park acquisitions have been going on in recent years even faster than the development of the city as a whole. In all growing cities special assessments for sewers, water mains, paving and other street improvements are more or less burdensome to taxpayers. In view of these facts I do not think it best to recommend any extensive additions to our outlying parks in the immediate future other than those that have been urged in previous reports. The city circuit, or "Grand Rounds," projected many years ago, is, however, so nearly complete that I believe the only remaining gap, in Northeast Minneapolis, ought to be acquired without delay. We have a bond authorization amounting to \$75,000 that has been set aside for the purchase of land for this purpose. Whatever sum is found necessary to be added to this to enable the Board to complete the purchase will need to be assessed against benefited property.

At some points on the "Grand Rounds" our park lands are too narrow to admit of suitable border plantations and small amounts of additional land are needed. Such additions can now be made at small expense and ought not to be longer delayed.

I have already called attention to the need of more play grounds and breathing spaces in congested districts and have said that the supplying of such needs was the most important duty that we now have before us. Fortunately many neighborhoods were supplied with small parks in the early days before congested conditions prevailed, but there is urgent



**Ski Contest at Glenwood Park
(Gaining Momentum for Jump)**

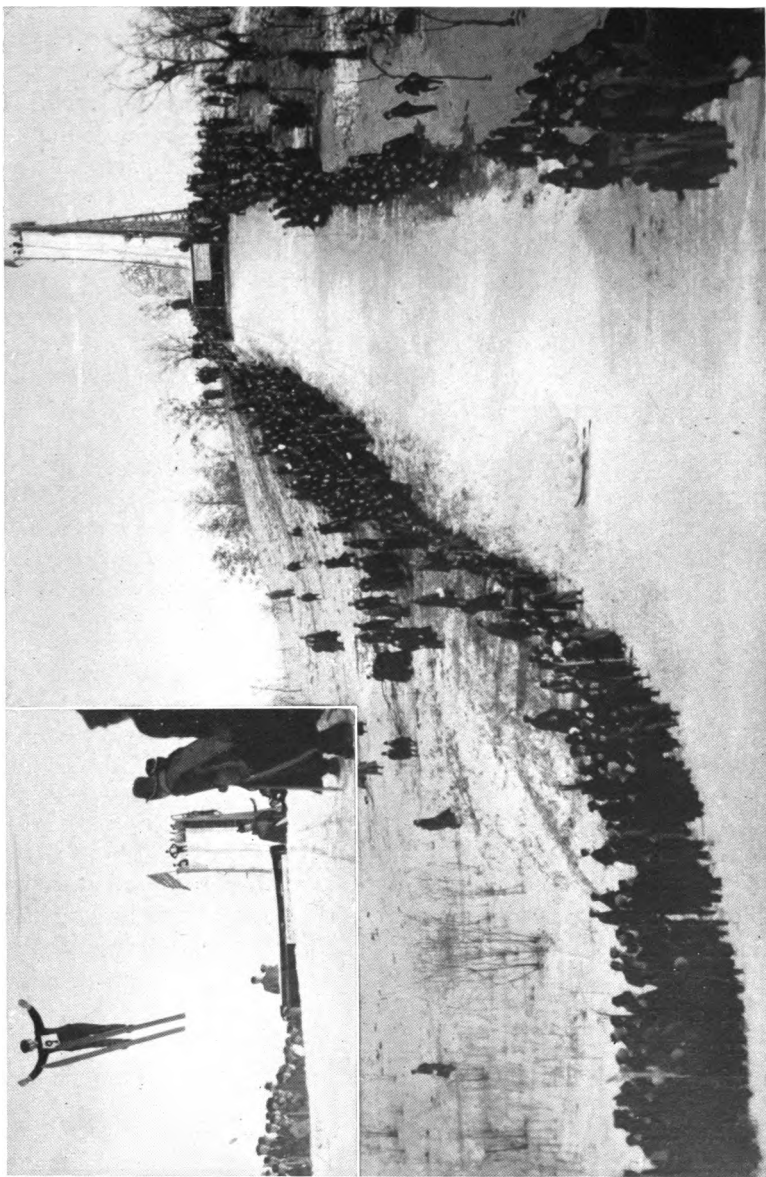
need of more play grounds in the First, Second, Sixth, and Eleventh Wards.

The great American game of baseball ought to be encouraged for it is an "open game" and one that is well calculated to develop alertness and strength of body and mind. A considerable amount of space is required and boys ought not to be obliged to take long trips across the city in order to find room to play the national game.

I therefore repeat a recommendation which I made a month ago, that lands in certain districts be leased for this purpose, the price of land being too high to admit of the purchase of sufficiently large tracts in these sections with available funds. As I stated in my special report on Dec. 18, it is quite likely that it may be found desirable to change the locations of play grounds occasionally, and this can more easily be done in cases where space has been leased than where actual purchases have been made. I think it would be well to take an option to purchase at the end of the term of lease whenever this can be done at little or no additional expense. Grounds leased primarily for baseball purposes should be of sufficient size for football games also.

Among the worst evils in our city today are the public dance halls that flourish in the down-town district. It has been suggested that this Board might perform a good service by providing counter attractions in the way of winter games during the skating season. I heartily approve of this suggestion and recommend that preparations be made in advance of the next skating season for larger and better lighted rinks. I trust it will be found practicable to furnish music on special occasions and to arrange for a considerable number of winter games.

Knowing, as I do, that our comparatively small maintenance fund will not admit of many innovations that involve increased expenditures, I refrain at this time from recommending many things that I would like to see established in the way of neighborhood amusements and recreations. A new



**Ski Contest at Glenwood Park
(Contestant After Leaving Platform Shown in Upper Left Hand Corner)**

field house is to be built this year in Logan Park, and the plans call for accommodations in the way of shower baths and other facilities that have never before been offered. I trust the day is not far distant when it will be possible to supply similar accommodations in many other parts of the city.

While many things that are desirable in the way of neighborhood park facilities must be deferred because of present lack of funds, we should not fail to follow up and to profit by the experience of other cities where new methods are being tried in order that we may know how best to proceed when the necessary means shall be available.

Few cities have been so fortunate as Minneapolis in the distribution of park features, but even here all parts of the city have not been equally favored by nature. The slight inequalities of opportunity that exist may, however, be largely overcome by action of your Honorable Body along lines that have been suggested.

Every citizen cannot have a beautiful lake or other great park feature opposite his residence, but it is quite possible for this Board to establish beauty spots and places of recreation within easy walking distance of every home.

In my opinion the greatest service that this Board can render in the future will be in striving to equalize park privileges and opportunities. In days to come our proudest claim should not be that our natural park features are among the finest in the country, but that people in every quarter of the city enjoy adequate park privileges. Let us aim to provide that all citizens, young and old, living on parkways or in more crowded sections may have something like equal opportunities to enjoy the beauties of nature and life in the open air.

In retiring from the office with which you have three times honored me, I desire to express my hearty thanks for the many favors and courtesies which I have enjoyed at your hands.

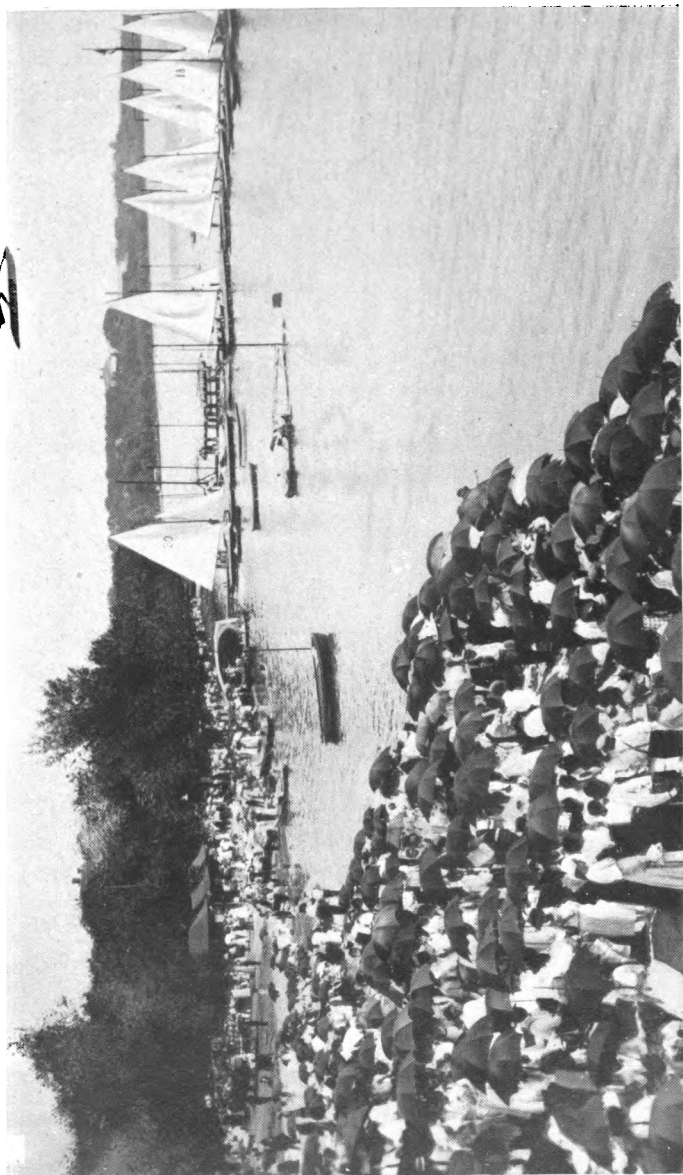
We are co-laborers in a large and interesting field. The work in which we are engaged is productive of far-reaching results and presents opportunities for service which should be promptly recognized and gladly embraced.

Respectfully submitted,

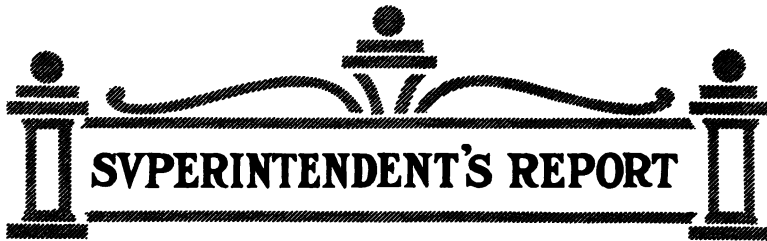
WILBUR F. DECKER,
President.



*"If thou wouldst read a lesson that will keep
Thy heart from fainting, and thy soul from sleep,
Go to the woods and hills! No tears
Dim the sweet look that Nature wears."*



Aviator Robinson Demonstrating at Lake Calhoun



SUPERINTENDENT'S REPORT

Minneapolis, Minn., January 20, 1912.

To the Honorable Board of Park Commissioners, City of Minneapolis.

Gentlemen: This, my sixth annual report, is intended to present, in concise form, an account of all the work performed under the direction of your Honorable Board during the year of 1911. It also contains suggestions, plans, estimates and recommendations which I deem advisable to bring to your attention at this time.

The year has been a very busy and progressive one. A large amount of the work was performed during the first six months, especially in the lake district, where every effort was made to be ready for the Civic Celebration which was held from July 2nd to 8th, and in which the linking of the lakes constituted one of the main features.

The Board was hampered somewhat in some of the important work through delays in making authorized bond issue funds available at the proper time, but nevertheless most of the work contemplated at the beginning of the year has been well advanced. The weather conditions were quite satisfactory. The first half of the year brought enough moisture to maintain vegetation in flourishing condition, yet not so much as to interfere with grading and other ground operations. The precipitation in the second half was unusually heavy, which resulted in filling the lakes and restoring the grounds to the healthy, productive condition in which they were previous to the severe drought of the year 1910.

GENERAL MAINTENANCE

The total appropriation allowed for the maintenance of all parks and parkways was, exclusive of The Gateway, \$160,195.00. The expenditures were \$112,004.88 for labor, policing, etc., and \$47,824.79 for material, lighting, water, repairs and miscellaneous items, leaving an unexpected remainder of \$365.33. The average cost of maintenance was \$30.28 per acre.



Bridge Number One, Just Before the Linking of The Lakes Ceremony

IMPROVEMENTS AND IMPORTANT REPAIRS

LORING PARK. Hennepin Avenue and Harmon Place, 36.34 acres.

An appropriation of \$1,500.00 was granted for some pressing improvements. The walk from the concrete steps on West Fifteenth Street to the bridge was constructed of cement. Some trails across lawns in different sections of the park, which people used as short cuts, were made into gravel walks, while others were abolished and seeded down, and the grounds protected against their re-establishment. Several hundred yards of good loam were secured and applied to the most uneven and exhausted parts of lawns in the open and in the groves. All trees have been cleaned of dead wood, and the dead and sickly ones have been removed. Two wells were driven, one in the grove east of the Ole Bull monument and one near the playground at Loring Shelter, and excellent drinking water has been obtained from both. Pipe frame backstops have been built for one of the tennis courts.

LOWRY TRIANGLE. Hennepin Avenue and Vineland Place, 0.16 acres.

The grade of these grounds has been raised along the Lyndale Avenue side and an entirely new arrangement of the flower beds has been made, which was quite effective and pleasing.

GROVELAND TRIANGLE. Groveland Avenue and Forest Avenue, 0.209 acres.

This new acquisition has been seeded, planted, and adorned with a flower bed. A cement walk has also been laid along the Groveland Avenue side and this little park forms now a very pleasing and attractive feature of that residential district.

THE PARADE. Kenwood Parkway and Lyndale Avenue, 68 acres.

The tract of land between the Armory and the Plaza Hotel had to be reseeded this spring. Some pipe frame baseball backstops have been erected on The Parade proper. A small amount of earth filling has been secured for the low lands west of the grove, but otherwise no improvements have been undertaken.

KENWOOD PARKWAY. Loring Park to Lake of the Isles, 20.6 acres.

On account of the laying of sewers and water mains this popular driveway was, for a good part of the year, in an unsatisfactory condition. Arrangements have been made to replace missing trees on the rows next to the roadway. The trees to be used are from 8 to 12 inches in diameter and will be planted with frozen balls during the winter.

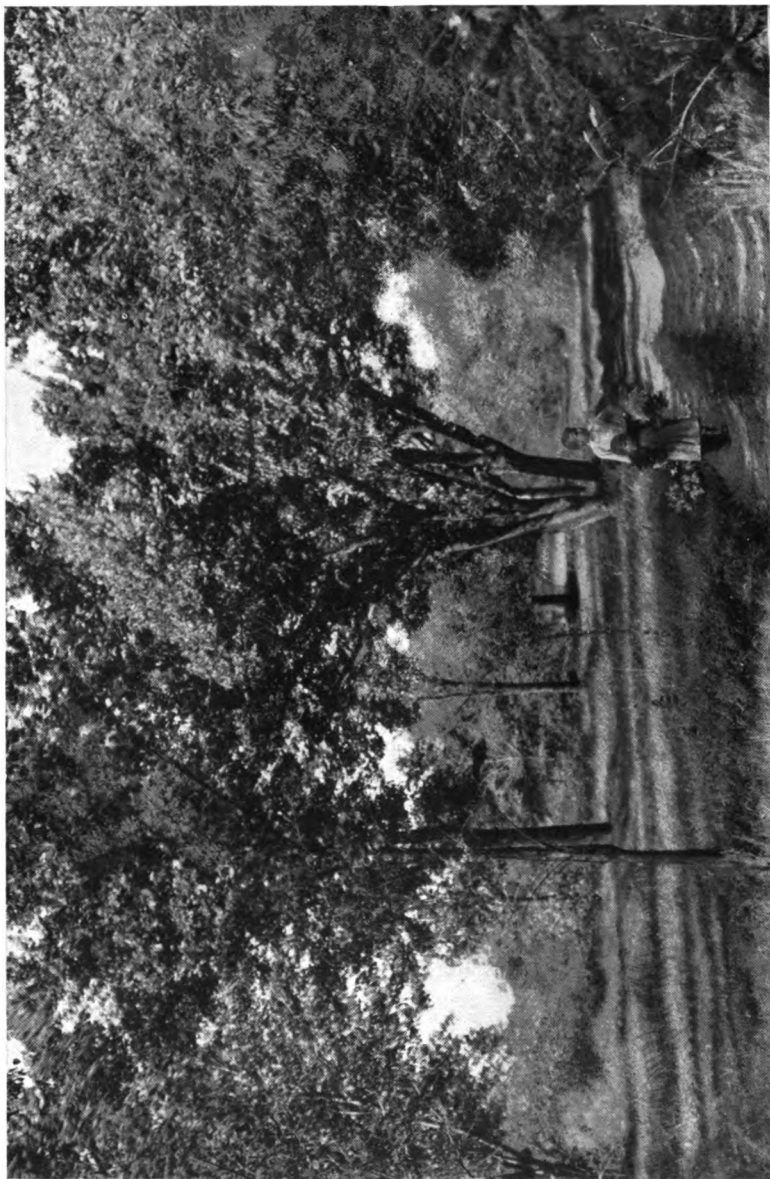
**KENWOOD PARK. Between Kenwood Parkway and Lake of Isles,
33.45 acres.**

An appropriation of \$1,000.00 has been made use of to finish the grading of the grounds at the corner of Logan and Douglas Avenues. A cement sidewalk has been built from Logan Avenue to Franklin Avenue along Lake of the Isles Boulevard.

**LAKE OF THE ISLES PARK. Surrounding and including Lake of
the Isles, 200 acres.**

A very large amount of grading had to be done here during the winter months in order to have the grounds ready for the Civic Celebration. The character of the peaty material made such winter operations not only possible but also economical. All the work was done by hand and wheelbarrow, with the exception of about 8,000 cubic yards of material which was taken from the big island and used for topdressing on the small island and for filling the low land in the southeast corner of the lake, where the raising of the grounds to grade by hydraulic dredging was impossible. The grading operations on this park are now practically completed with the exception of the big island. Gravel paths have been built, as per plan, all around the lake. The grounds, before seeding, received a dressing of ground bone meal and land plaster, and the application of those fertilizers has resulted in a very satisfactory growth of young grass. All planting spaces were excavated to a depth of about 6 inches and those excavations filled in with heavy loam, which, when mixed with the peat, will surely result in a vigorous growth of the shrubs, evergreens and trees to be planted there. Some planting was done on the east section and all the material was secured for the rest of the park, but for various reasons it was thought best to postpone the remainder of the planting for another year.

Dredging operations on this lake came to an end in May, when the hydraulic dredge was moved under Bridges Nos. 2 and 3 into the lagoon south of the H. and D. railroad tracks. While it was evident that in many places it had not dredged to the required uniform depth, leaving a number of narrow ridges above the desired grade of the lake bottom, and that, therefore, some more dredging would be necessary, it was found essential to move the dredges to the south lagoon and Lake Calhoun in order to complete the water connections between the two lakes by July first. At that time the level of the lakes was two feet below standard elevation, and the insufficient depth referred to was in some places detrimental to navigation. Since then the normal water level has been re-established by copious rains and there is now ample depth of water.



Scene Along Minnehaha Parkway—Happy Childhood

A supplementary contract has been entered into by the Board with the La Crosse Dredging Company under which the Company will remedy these defects at the request of the Board within a reasonable time. The Board is to pay for the cost of moving back the orange-peel dredge, the expense of such moving not to exceed \$1,000.00.

The dredging operations at Lake of the Isles, extending over a period of five years, represent one of the most difficult pieces of work of its kind ever undertaken, and were much more complicated than anticipated by anyone connected with the work. The peaty and floating character of the material handled, together with the deceiving and uncertain underlying foundations on which dykes and shore lines had to be built, made constant changes of shore lines, altered methods of procedure and operations, and different construction of dykes necessary to bring about satisfactory results. The soundings were carefully made and it was confidently expected that plans based on such soundings and calculations could be followed. It was found, however, during the progress of the work, that in some places the shore lines would have to be changed in order to avoid almost bottomless depths of unstable foundations. In other places, in order to build shore lines where it was essential and very desirable that they should be, it was necessary to build up sand dykes from the hard bottom of the lake; but all these obstacles were finally overcome, and the result of years of patient and intelligent work, as a whole, must be gratifying, not only to the neighboring residential section but to the city as a whole. The heavy and expensive work is now done and one more season's work, consisting mainly of planting and the proper cultivation of lawns, will bring improvement work here to a close.

The total cost of all improvements on this park during the five years of such work amounts to \$152,079.42. Itemized, the expenditures are as follows:

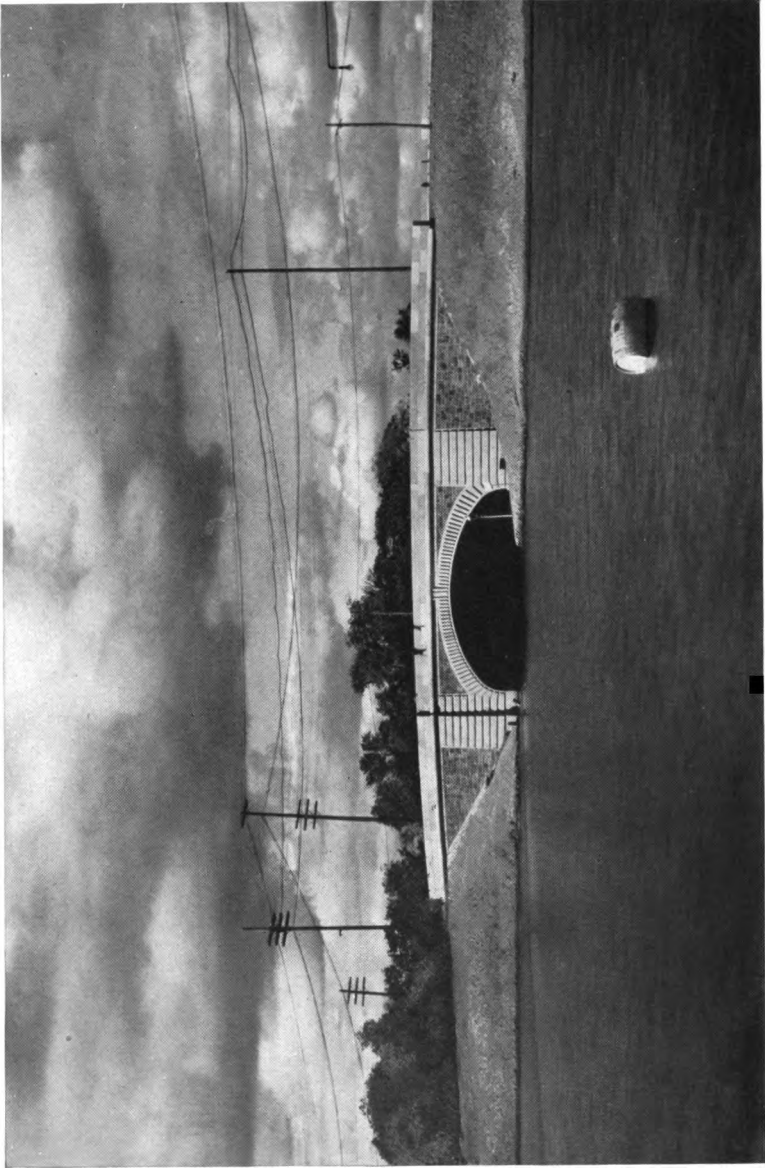
| | |
|---|---------------------|
| For dredging operations under contracts No. 1 and No. 2 covering four years' work, including the lagoon towards Cedar Lake, boulevard fills and approaches to bridges No. 3 and No. 4 (see dredging statement)..... | \$64,173.57 |
| Dredge force account, scraper grading of dykes, inspection, labor and material in connection with dredging work..... | 6,156.44 |
| Grading of grounds, fertilizer, seed and seeding..... | 30,557.96 |
| Four miles of walks, excavating peat and filling in with gravel | 2,614.64 |
| Filling, grading and rolling of 2.86 miles of roadways outside of material secured by dredging..... | 20,498.90 |
| First oiling of the new roadways..... | 3,383.02 |
| Curbs and sidewalks | 1,694.68 |
| Catch basins and one mile of drains..... | 4,986.70 |
| Preparation of planting spaces, loam, plants and planting..... | 8,801.17 |
| Engineering, soundings, inspection, estimates, etc..... | 5,704.30 |
| Miscellaneous labor, material, etc..... | 3,508.04 |
| Total | \$152,079.42 |
| Cost per acre, \$760.40. | |

The following dredging statement shows the cost of the different subdivisions of that work:

FINAL STATEMENT OF DREDGING OPERATIONS AT LAKE OF THE ISLES, KENWOOD PARK AND DEAN BLVD.

| | Contract No. 1 | | Contract No. 2 | | Summary | |
|-------------------------|---|---------------------------|----------------|-------------|-----------|-------------|
| | Yardage | 12 $\frac{3}{4}$ cu. yd. | Yardage. | 16 cu. yd. | Yardage. | Payment. |
| Land fill | 247,066.6 | \$31,500.99 | 37,907.9 | \$6,065.26 | 284,974.5 | \$37,566.25 |
| Road fill | 34,980.7 | 4,460.04 | 5,494.5 | 879.12 | 40,475.2 | 5,339.16 |
| Bridge approaches ..... | ..... | ..... | 25,097.9 | 4,015.66 | 25,097.9 | 4,015.66 |
| Beach sanding | 34,460.0 | 4,393.65 | 6,668.0 | 1,066.88 | 41,128.0 | 5,460.53 |
| Sand dykes | 70,945.8 | 9,045.59 | 1,037.0 | 165.92 | 71,982.8 | 9,211.51 |
| Subsidence | 2,295.4 | 292.66 | 13,923.7 | 2,227.80 | 16,219.1 | 2,520.46 |
| Force account | Clean up of north arm by hydraulic dredge—4 days at \$90.00 | ..... | ..... | ..... | ..... | 360.00 |
| Totals | 389,748.5 | \$49,692.93 | 90,129.0 | \$14,420.64 | 479,877.5 | \$64,473.57 |
| | | Less penalty of ..... | ..... | ..... | ..... | 300.00 |
| | | Total payments made ..... | ..... | ..... | ..... | \$64,173.57 |

NOTE.—In addition to the above stated yardage the J. R. Johnson Company did some dredging work in 1907 for which an estimate of 24,525 cubic yards was given, making the total yardage 504,402.5 cubic yards.



**Bridge Number One
(Over Canal Between Lake Calhoun and Lake of the Isles)**

LAKE CONNECTIONS

At the beginning of the year this important work had advanced far enough to assure its completion for the proposed Civic Celebration. It was, however, evident that every day would have to be taken advantage of, and the work on the four bridges was therefore pushed as fast as weather and other controlling conditions would permit. All necessary precautions were taken to protect the concrete and masonry work of the bridges from frost, and the winter operations, notwithstanding the often very cold and stormy weather, resulted in very satisfactory work.

Bridge No. 2, built by the Chicago, Milwaukee & St. Paul Railway Company, was constructed under considerable difficulties because the usual traffic over the bridge had to be maintained. It was also found that the center and west abutments, on account of the unstable soil conditions encountered, required deeper foundations, and this, with other necessary changes to this structure, caused delays and increased the estimated cost from \$18,500.00 to \$28,400.00. During the winter months the La Crosse Dredging Company built a new and larger hull for their orange-peel dredge on the grounds just south of Bridge No. 2, transferred to it the machinery from Lake of the Isles, and began dredging operations on the lagoon April 14th. The hydraulic dredge at Lake of the Isles began operations April 3rd and worked in different parts of the lake, cleaning up shallow places and pumping gravel for the boulevard fill between the steel railroad bridge and Lake Street and the adjacent low triangle between the boulevard and Knox Avenue. The hydraulic dredge passed under Bridge No. 3 May 14th and under Bridge No. 2 on May 18th into the lagoon in order to complete the latter for the proposed ceremony of the linking of the lakes, which was to take place July 5th.

The lagoon excavation furnished a very excellent gravel and sand fill for the approaches to Bridge No. 1. On June 16th the hydraulic dredge was moved under Bridge No. 1 into Lake Calhoun and began dredging operations along the north shore of the lake. The old Lake Street roadway was raised and widened to 114 feet so as to accommodate the traffic road, the double tracks of the St. Louis Park line of the Twin City Rapid Transit Company, the boulevard, and two sidewalks. In the mean time work on all bridges progressed rapidly. Bridge No. 1 was completed about May 1st, Bridge No. 2 June 15th, Bridge No. 3 May 24th, and Bridge No. 4 June 1st. Large forces of men and teams were employed to build the approaches and grade and dress the roadways, and by July 1st everything was finished as far as it was expected that this work could be completed. On account of the lack of necessary material to fill the low land between the H. & D. tracks and Lake Street it was decided to extend the lagoon to the



Bridge Number Two
(Carrying C., M. & St. P. Ry. Over Canal Between Lake of The Isles and Lake Calhoun)

west, so gaining the filling material and increasing the size of the lagoon. After the banks of this lagoon have been graded down and properly planted a very pretty water and planting effect will be secured, and I believe that this change will prove quite satisfactory in the end.

The main features, the bridges and their approaches, are now finished but the work is still far from complete, and while the transformation brought about through this important work is great and inspiring, its full value will not be realized until all gradings are finished, the lawns and banks seeded and planted, and the whole so embellished as to change the present crude, unfinished appearance to a magnificent landscape picture seldom equalled. While it is to be regretted that the H. & D. division of the Chicago, Milwaukee & St. Paul Railway Company with its elevated tracks mars the beauty of those parks, cutting them in two, it must be admitted that the entrance to our city over that road is undoubtedly very pleasing to all travelers and gives them a good and lasting impression.

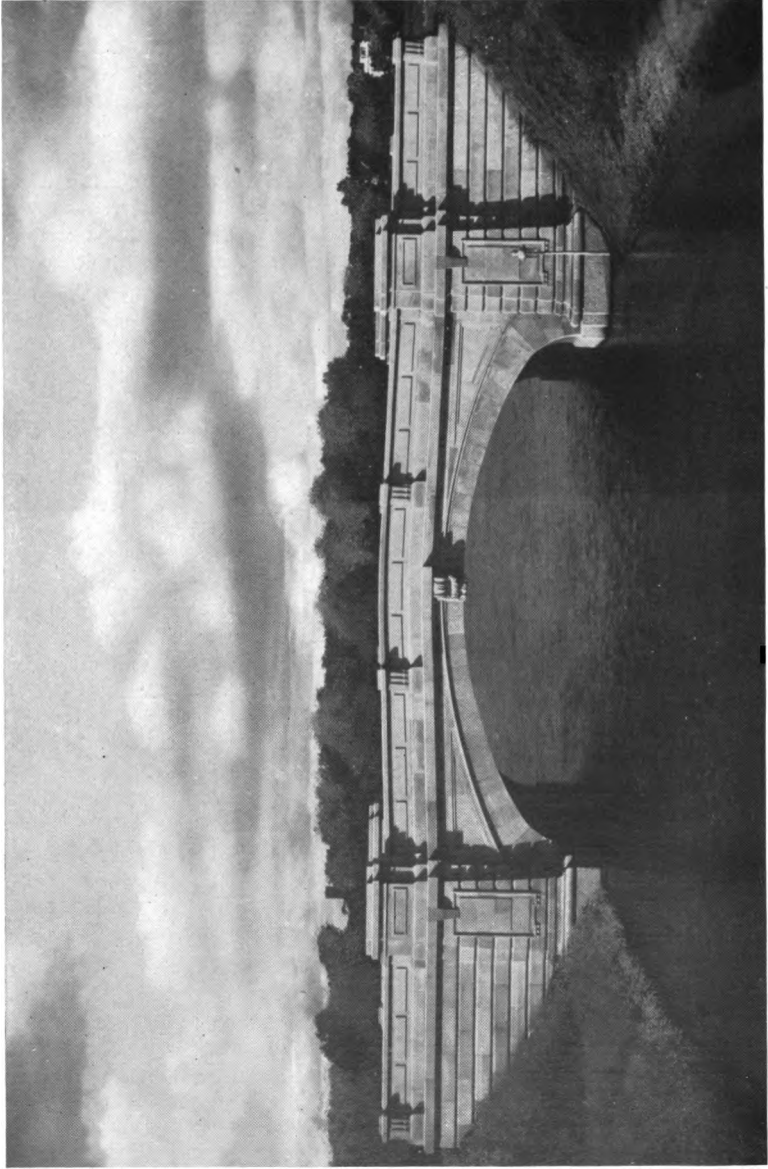
The four bridges are very handsome structures. No pains, labor, or money, have been spared to make them perfect in construction and pleasing in appearance. It is, therefore, especially regretful to me to have to report that on account of unstable foundations and insufficient depth of the pile foundations, the southeast and northwest wing walls of Bridge No. 4 began to settle soon after the bridge was completed. It became necessary to remove the gravel fill on the bridge, take down the two walls, and completely rebuild them after widening and strengthening the footing foundations with additional piles.

**DEAN BOULEVARD. Between Lake of the Isles and Lake Calhoun,
15.9 acres.**

The plan presented in my last annual report should be carried out this year, if possible. A large amount of the necessary filling must be procured through dredging from Lake Calhoun, and this had best be done while the dredge is in that vicinity. Since the Lake of the Isles bridges have been opened to traffic, this boulevard is much traveled and should be in a safe and serviceable condition.

LIGHTING OF THE BOULEVARDS

The present system of gravity gasoline lamps to light our boulevards is very unsatisfactory and not at all in harmony with the improvements carried out on our lake drives. Better lighting is necessary and the Lake Harriet system of electric lights should be adopted here. I hope that this can be done this year. The gasoline lamps now owned by the Board could be taken from the lake boulevards and used along Minnehaha Parkway.



**Bridge Number Three
(Over Canal Between Lake of The Isles and Lake Calhoun)**

LAKE CALHOUN. Surrounding and including Lake Calhoun, 522.6 acres.

Since entering Lake Calhoun the hydraulic dredge has had none of the Lake of the Isles difficulties to encounter and has handled a large amount of material, consisting mostly of gravel and sand, with a small percentage of clay and mud. Dredging operations were started between the bridge and the boat dock and continued along the north shore towards the bath house, widening the bank outside of the proposed boulevard. When the east end of the bathing beach was reached, operations were changed to the west side between the bath house and the west boundary line opposite Dean Boulevard. By the time this large tract, a part of the proposed West Calhoun Boulevard, was brought to grade, the bathing season was over and the filling in of the site of the contemplated new bath house, and the building up of the new bathing beach, was undertaken and completed by the end of September. After this the dredge again was set to work on the fill of the west boulevard, completing it to grade as far as cross-section line 9 southwest. Winter began early and dredging operations came to an end November 13th. The total amount of material handled by both dredges during the year was 254,892 cubic yards. This work has been done under contracts Nos. 1 and 2 with the La Crosse Dredging Company for Lake Calhoun, dated March 18th, 1911, at 14½c per cubic yard. The cost of the work is chargeable against three separate accounts, namely: lake connections, bathing beach, and West Calhoun Boulevard.

The following statement of estimates rendered and ordered paid by the Board during the regular course of business gives the amounts charged against each account.





Bridge Number Four
(Over Canal Between Lake of The Isles and Cedar Lake)

**SUMMARY OF DREDGING OPERATIONS AT LAKE CALHOUN DURING
THE YEAR 1911.**

Lake Connections Account—

| Date— | Esti- mate No. | Con- tract No. | Force account | Yardage | Payment | Retainer |
|--------------|----------------------|----------------------|------------------|---------|-------------|------------|
| May 1..... | 1 | 1 | ..... | 22,130 | \$2,887.97 | \$320.88 |
| June 5..... | 2 | 1 | \$69.00 | 29,660 | 3,870.63 | 430.07 |
| July 3..... | 3 | 1 | 114.00 | 25,886 | 3,378.12 | 375.35 |
| Aug. 7..... | 4 | 1 | ..... | 28,505 | 3,719.91 | 413.32 |
| Sept. 6..... | 5 | 1 | 120.00 | 8,784 | 1,146.31 | 127.37 |
| Oct. 2..... | 6 | 1 | 90.00 | 9,637 | 1,257.62 | 139.74 |
| Nov. 6..... | 7 | 1 | ..... | 4,735 | 617.91 | 68.66 |
| Totals ... | | | \$393.00 | 129,337 | \$16,878.47 | \$1,875.39 |

Bathhouse Beach Account—

| | | | | | | |
|--------------|---|---|-------|--------|-------------|------------|
| Aug. 7..... | 4 | 1 | ..... | 14,570 | \$1,901.39 | \$211.26 |
| Sept. 6..... | 5 | 1 | ..... | 31,314 | 4,086.48 | 454.05 |
| Oct. 2..... | 6 | 1 | ..... | 23,507 | 3,067.67 | 340.85 |
| Nov. 6..... | 7 | 1 | ..... | 12,285 | 1,603.20 | 178.13 |
| Totals ... |  |  | ..... | 81,676 | \$10,658.74 | \$1,184.29 |

West Calhoun Boulevard Account—

| | | | | | | |
|--------------|---|---|-------|--------|------------|----------|
| Oct. 2 ... | 6 | 1 | ..... | 5,366 | \$700.27 | \$77.80 |
| Nov. 6..... | 7 | 1 | ..... | 148 | 19.31 | 2.15 |
| Sept. 6..... | 1 | 2 | ..... | 7,402 | 965.96 | 107.33 |
| Oct. 2..... | 2 | 2 | ..... | 1,715 | 223.81 | 24.87 |
| Nov. 6..... | 3 | 2 | ..... | 20,303 | 2,649.54 | 294.39 |
| Dec. 4..... | 4 | 2 | ..... | 8,945 | 1,167.32 | 129.70 |
| Totals ... |  |  | ..... | 43,879 | \$5,726.21 | \$636.24 |

| | | | | | | |
|----------------|--|--|----------|---------|-------------|------------|
| Summation | | | \$393.00 | 254,892 | \$33,263.42 | \$3,695.92 |
|----------------|--|--|----------|---------|-------------|------------|

Note: Force account is payment for hire of orange-peel dredge at \$30.00 per day, used in scraping out a channel under Bridge No. 2 and scraping back lagoon dykes.



Driving 65-foot Piles to Renew Foundation Under Lake Harriet Pavilion

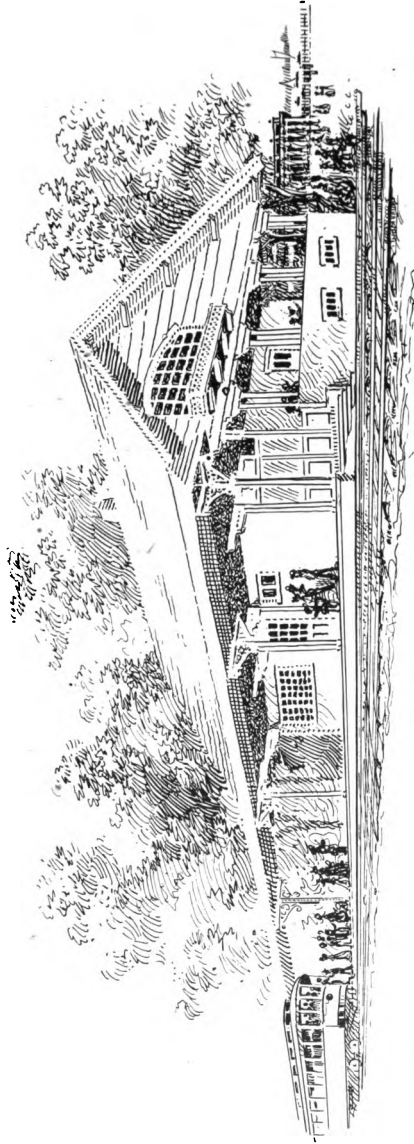
The old bath house was torn down in September and the material divided between Lake Nokomis and Glenwood Lake for similar structures. Plans for a new modern bath house on the site of the old one, prepared by Mr. Cecil Bayless Chapman, architect, being accepted by the Board, a contract for the pile foundations was awarded to Mr. J. H. Carroll. Four hundred ninety piles from 22 to 32 feet in length were required and this work is now completed.

The contemplated improvements in connection with the lake connections made it necessary to erect the main boat landing to the south of the main dock, at the foot of the bank between Lake Street and Thirty-first Street. This new location was found to be quite satisfactory. On account of the low water level at the beginning of the season it became necessary to put the docks at elevation 144, which proved too low towards the end of the season after the lakes had filled. Two toilet buildings, located at Van Cleve Park, were moved to the main boat landing at Lake Calhoun. A large amount of fish fry and young fish were secured for the stocking of the lakes. Through the efforts of Congressman Frank M. Nye the United States government sent 500,000 pike perch, which were placed in Lake Calhoun. The same lake also received over 7,000,000 wall-eyed pike fry and 5,000 young crappies from the state hatchery. From the same source 1,500 young Chinook salmon and 2,500 young speckled trout were secured and put in Lake Harriet.

LAKE HARRIET. Surrounding and including Lake Harriet, 408 acres.

The unstable foundation of the south wing of the pavilion has been remedied through the driving of additional and longer piles. This wing was moved on land as soon as the ice was heavy enough to carry the load. Seventy-four new piles were driven, their lengths varying from 30 to 66 feet. The number of old piles under the building was 44, eighteen of which were spliced and driven to a firm bearing. The building was then moved back upon the new foundation and I believe that it is now absolutely safe. The cost of this work was as follows:

| | |
|---|------------|
| Moving building off and on foundations..... | \$947.70 |
| 3,730 feet of piles | 622.80 |
| Cartage of piles | 89.01 |
| Driving piles and rental of machinery..... | 664.06 |
| Other repairs to building..... | 935.06 |
| Total cost | \$3,259.53 |



Proposed building at Forty-second Street and Lake Harriet car line.

The Twin City Rapid Transit Company removed its old wooden station platform and replaced it with modern concrete structures, which are a very great improvement. The new loading platform, which is covered by a canopy, has been moved south to Forty-second Street, while the unloading platform has been left in its old location. The old refreshment building which used to be at this point has been removed to the boat dock and is now used as a ticket office. Fifty Old Town Sponson canoes were put into service at the lake and have proven a great attraction. A new 45-passenger launch has been acquired and the old launch transferred to Lake Calhoun and Lake of the Isles. All docks for private boats and canoes were greatly enlarged.

LYNDALE PARK. Between Lake Harriet, Lakewood Cemetery and King's Highway, 61.26 acres.

A large amount of grading was done between the new roadway and Lakewood Cemetery, consisting mostly in the lowering of the grounds near and along the roadway, and the building up of a border mound along the cemetery, which was planted with evergreens with the object of screening the latter as much as possible.

The grounds between the roadway and Forty-second Street, seeded last year, had to be reseeded on account of the drought of the previous summer. Because of insufficient funds it was impossible to finish this grading entirely, but it is so nearly completed now that two weeks more work with a small crew will be all that is necessary to bring it to a close.

The rose garden again has been a great attraction during the summer, and its condition during the flowering season was quite satisfactory.

LYNDALE FARMSTEAD. Thirty-eighth Street and Bryant Avenue South, 18.49 acres.

A 10-ton Fairbanks wagon scale has been established in front of the carpenter shop. The pit is 5 feet deep and the entire structure, including the platform, is of concrete and steel, making it very strong and durable. A catch basin has been built in the wagon yard to drain the surface water. The workshops have been quite busy during the year, especially the machine shop from which a large amount of playground apparatus has been put out. A new store-room for piping, iron rods, hardware, paints, etc., has been partitioned off in the storage barn and that building is now crowded to its fullest capacity. A part of the basement has been transformed into an ice house for the storage of ice for the Lake Harriet refectory. A one-half ton auto truck has been acquired for delivery work and it has greatly increased the efficiency of that important service.



Rose Culture—Lyndale Park Rose Garden

FLORICULTURE

The greenhouses and hotbed frames have been taxed to their fullest capacity. Flower beds have been maintained in 33 parks against 30 of last year, the number of beds varying from 1 to 50 according to size and locality of park. The total number of flower beds planted and maintained was 263, of which 63 were planted twice. The constantly increasing demand for floral displays in our parks and triangles from all parts of the city conclusively proves that floral decorations strike a responsive chord in the mind of the people, and that they approve of expansion in that direction.

The annual chrysanthemum show was held from November 5th to 21st and was a great success. As usual, the flowers were afterwards distributed amongst the hospitals and charitable institutions.

This department again has grown the vegetables for the refectories, but it is thought best to discontinue this in the future for the reason that they can be bought just as cheaply in the market. The cut flowers for decorative purposes at the refectories, delivered from the greenhouses and gardens, are quite an attractive feature and are well worth the effort to supply them. The financial statement of the department is hereto attached.

Statement Showing Number and Value of Bedding Plants Used in the Different Parks for Floral Displays During the Season of 1911

Prices figured are strictly wholesale for first-class stock.

| Park— | No. of Plants. | Value. |
|--|----------------|------------------|
| Barnes Place | 670 | \$69.80 |
| Camden Park | 450 | 31.00 |
| Elliot Park | 900 | 36.00 |
| Euclid Triangle | 700 | 78.00 |
| Franklin Steele Square | 850 | 57.00 |
| Farview Park | 3,814 | 208.40 |
| Groveland Triangle | 650 | 76.00 |
| Humboldt Triangle | 750 | 75.00 |
| Lake Harriet | 3,550 | 305.00 |
| Logan Park | 3,011 | 189.20 |
| Loring Park | 43,842 | 2,313.90 |
| Lyndale Farmstead | 7,200 | 390.00 |
| Minnehaha Park | 20,592 | 1,154.00 |
| Murphy Square | 770 | 57.40 |
| Powderhorn Park | 600 | 62.00 |
| Riverside Park | 3,381 | 209.80 |
| Triangles | 38,768 | 1,750.90 |
| The Gateway | 4,200 | 525.00 |
| Van Cleave Park | 2,506 | 144.00 |
| Windom Park | 850 | 54.00 |
| | <hr/> 138,054 | <hr/> \$7,786.40 |
| Value of plants used for floral displays.... | | \$7,786.40 |
| Stock on hand, greenhouses, as per inventory | | 1,633.80 |
| Plants sold | | 12.32 |
| | | <hr/> \$9,432.52 |
| Total cost of labor and material..... | \$4,756.31 | |
| Stock on hand Jan. 1, 1911, as per inventory | 1,307.95 | |
| | <hr/> | <hr/> 6,064.26 |
| Profit | | \$3,368.26 |

NURSERY

The new grounds at Glenwood Park which are now used for nursery purposes, called for a large amount of labor. Deep plowing was quite essential, as was also heavy manuring, both of which were done. A large number of young plants, seedlings, and cuttings have been set out and have done well, with the exception of hardwood cuttings and small evergreen seedlings. The demand for plants from the nursery for plantings during the year was comparatively small, but large quantities of the new available material will be used this coming spring and fall. The transactions of the nurseries are explained in the attached statement.

Table Showing the Number and Value of Trees and Shrubs Supplied From the Nursery for Planting Purposes during the Year 1911

| Park— | No. of trees and shrubs. | Value. |
|------------------------------|--------------------------|-------------------|
| Camden Park | 30 | \$3.00 |
| Glenwood Park | 30 | 6.35 |
| Groveland Triangle | 92 | 8.61 |
| Jackson Square | 242 | 27.20 |
| Interlachen | 500 | 45.95 |
| Lake Calhoun | 7 | 1.40 |
| Lake of the Isles Park | 3,404 | 569.23 |
| Loring Park | 18 | 1.62 |
| Lyndale Park | 2,000 | 344.10 |
| Minnehaha Park | 285 | 27.00 |
| North Commons | 534 | 96.63 |
| Street Tree Planting | 114 | 118.25 |
| Triangles | 4 | 4.00 |
| Stinson Boulevard | 3,037 | 314.05 |
| Van Cleve Park | 14 | 1.40 |
| Wilson Park | 48 | 4.32 |
| Totals | 10,359 | \$1,573.11 |

Inventory of Nursery Stock on Hand Jan. 1, 1912

| | No. of trees and shrubs. | Value. |
|--|--------------------------|--------------------|
| Trees | 23,441 | \$4,738.80 |
| Shrubs | 70,771 | 5,935.42 |
| Climbers | 31,242 | 1,177.99 |
| Evergreens | 11,921 | 1,431.58 |
| Herbaceous Plants | 12,619 | 862.57 |
| Totals | 149,994 | \$14,146.36 |
| Value of trees and shrubs furnished during 1911.. | | \$1,573.11 |
| Inventory, nursery stock Jan. 1, 1912..... | | 14,146.36 |
| Total | | \$15,719.47 |
| Total cost of material purchased and expenditures for labor 1911..... | \$5,616.66 | |
| Stock on hand Jan. 1, 1911..... | 11,245.15 | |
| | | \$16,861.81 |
| Net loss | | 1,142.34 |
| Total | | \$15,719.47 |

Note: The loss shown in this statement is due to the very heavy and continuous rains and the unsatisfactory condition of the soil in which the hardwood cuttings and evergreen seedlings were planted. 80,000 cuttings and about 10,000 seedlings were lost on that account.



View Along Minnehaha Parkway in Early Spring

KING'S HIGHWAY. From Thirty-eighth Street South to Lake Harriet via Dupont Avenue and Forty-sixth Street, 14.73 acres.

A good beginning has been made toward bringing the roadways to finished grade. Sidewalks and curbs have been built between Forty-third and Forty-sixth Streets, the property owners paying for sidewalks and side curbs, and the Board for the curb along the middle planting space and the filling in and grading of the roadways. The material used for this filling consisted of sand and clay, with a thin layer of gravel for surfacing. The finished roadways being now on proper grade, it is expected that with proper oiling this section of the parkway will be in good condition and that these dirt roadways will, for some time at least, withstand the traffic. The roadways have been narrowed and the middle planting space widened.

MINNEHAHA PARKWAY. From Lake Harriet to Minnehaha Falls along Minnehaha Creek, 177.07 acres.

All wooden bridges have been strengthened by the introduction of well braced piles. This was necessary in order to enable the road roller to pass over them. The bridges are now safe until the proposed new concrete bridges can be built.

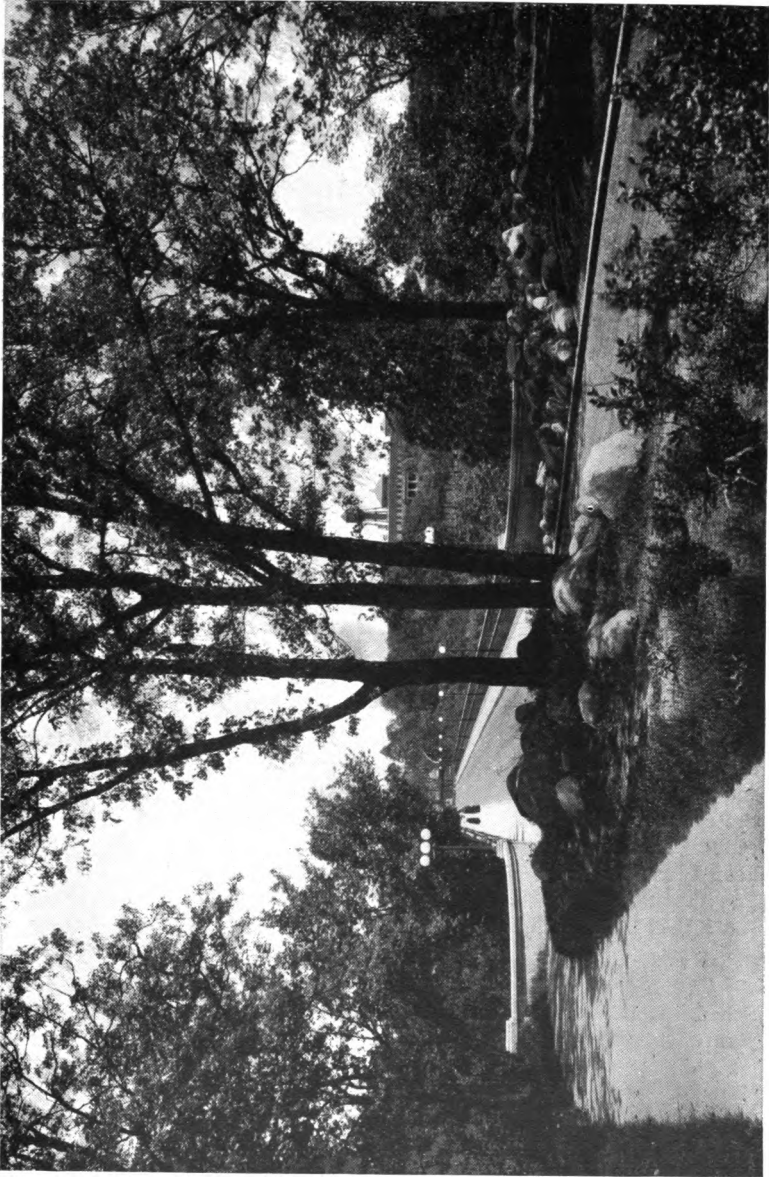
LAKE NOKOMIS. Surrounding and including Lake Nokomis, 409.6 acres.

A new bath house has been built on the north shore of the lake about opposite Twenty-fifth Avenue. Material from the old Lake Calhoun bath house was used for this purpose, but the arrangement of the building has many advantages over the old structure. More air and light is admitted, and a locker system similar to the one contemplated for the new Lake Calhoun bath house will be introduced. Six lockers to each dressing-room will be provided, making the total capacity of the bath house 216 at one time, or 2,160 per day of ten one-hour shifts. The beach has been cleaned of weeds and this new bathing establishment will undoubtedly become very popular and will be greatly patronized.

MISSISSIPPI PARK. (Minnehaha Park, River Road West, Riverside Park and River Road East, 442.18 acres.)

Minnehaha Park, Minnehaha Avenue and Forty-ninth Street, 142.04 acres.

The old rustic stone steps leading from the west lawn to the terrace south of the falls had become worn and the loose retaining walls



Minnehaha Park Looking Toward the Soldiers' Home

along them dangerous. A terrace, supported by a heavy reinforced concrete wall, has been built on the level of the first landing. From this new look-out a splendid view of the falls is obtained. Wide and easy concrete steps lead from this upper terrace to the larger lower one. While the old steps and retaining walls of native limestone harmonized better with the surroundings of this picturesque spot than this concrete structure, it did not seem advisable to again use the same material on account of the rapid disintegration of which all limestone, under the prevailing moist atmospheric conditions, is subjected. Engelmann's Ivy has been planted along the foot of the retaining wall and the coarse features of same will soon be hidden under the dense foliage of this quickly growing vine.

All wooden steps leading into the glen have been thoroughly repaired. Some minor changes again have been made at the refectory, facilitating service. The Minneapolis General Electric Company has extended its lines to the park and the temporary line for lighting service from the Soldiers' Home has been removed. All trees on the plateau on both sides of the creek and glen have been cleaned thoroughly of dead wood. City water service has been secured, making it no longer necessary to pump from the creek for sprinkling purposes. The unsightly pump house on the bank has, therefore, been removed. The buffalo died in early spring. The elk, deer and bear are in good condition but it would be well to introduce new blood into the herds.

RIVER ROAD WEST. Franklin Avenue to Minnehaha Park along the Mississippi River, 175.36 acres.

A large number of borer infested oak trees have been removed and the wood used as fuel in the warming houses, greenhouses and shops. Similar work has been done on adjoining private property at the expense of the property owners. The damage done by this insect pest is alarming, but it is hoped that by such vigorous action as has been taken its progress can be checked.

RIVERSIDE PARK. Along Mississippi River between Franklin Avenue and Twenty-sixth Avenue South, 42.28 acres.

The toilet buildings have been connected with the sewer established recently on Riverside Avenue and screened with shrubbery plantings.

RIVER ROAD EAST. From University to City limits, East. River Bank, 82.50 acres.

The steep and unsightly bank along the north side of the roadway between Franklin Avenue and the shortline bridge has been graded to a pleasing slope and a sidewalk provided along the property

line. Previously the city sewer department laid a sewer in that strip between the roadway and the boundary line. The new grade has been dressed with good black loam, ready for seeding. New catch basins and drains have been built between the Washington Avenue bridge and Harvard Street. Near the summit of the hill between Harvard and Union Streets the walks on the river side of the roadway have been dressed with limestone. The new skating rink on the flats has been quite a success and much used.

ELLIOT PARK. Eighth Street and Ninth Avenue South, 6.924 acres.

On account of objections to the closing of Tenth Avenue improvement of this park has been held up. A well has been driven which is much appreciated and used, as good water was obtained.

STINSON BOULEVARD. From Division Street to Broadway Street, 15.10 acres.

The planting spaces for shrubs and trees on the sections between Division Street and Spring Street, which were brought to grade last year, were given an 8-inch layer of heavy loam, which was thoroughly mixed with the peat. 2,995 shrubs were planted and 42 trees were moved and planted to conform to the plan. Temporary surface water pipes had to be laid connecting with a hydrant on Division Street, to maintain those plantings during the summer.

JACKSON SQUARE. Twenty-second Avenue Northeast and Jackson Street, 2.32 acres.

Grading and planting has been entirely completed and part of the playground apparatus established. All plantings have made a good start and shrubs and trees look very thrifty.

LOGAN PARK. Broadway and Monroe Streets, 10.08 acres.

While no actual improvement work has been undertaken here, steps have been taken to secure a modern field house for this large neighborhood park. A competition for plans for such a building, according to a prepared program, was opened in September and twelve different designs were received. As per program, three awards were made, which are as follows:

First prize, \$200.00, or supervision and 5% commission on cost of building if erected, Cecil Bayless Chapman, Architect.

Second prize, \$60.00, Downs & Eads, Architects.

Third prize, \$40.00, A. R. Van Dyck, Architect.

Detailed drawings of the first prize plan are now being prepared by the architect, and it is confidently expected that the building will be erected this coming season. The Architects' club of Minneapolis assisted the Board in conducting the competition.

WINDOM PARK. Johnson Street and Twenty-fifth Avenue North-east, 8.63 acres.

The newly graded planting spaces between curb and sidewalks have been dressed with good loam and seeded, which gives the park a greatly improved appearance.

COLUMBIA PARK. Central Avenue and Thirty-first Avenue North-east, 171.60 acres.

The grading operations in connection with the new boulevard have been completed and the grounds seeded. The new boulevard is in good condition and is used to a large extent, considering its location and steep grade. The large elm trees, moved with frozen balls, are doing well and will soon shade the driveway. A topographical survey of the park is now being made, and when completed will be used for the working out of improvement plans.

CAMDEN PARK. Washington, Lyndale and Forty-fourth Avenues North, 21.50 acres.

A reinforced concrete bridge of a plain and pleasing design, in keeping with the appearance of the near-by J. D. Webber Field House, has been built across the creek just below the dam and opposite Colfax Avenue. It accommodates an 18-foot roadway and a 5-foot sidewalk. The bridge was built by our own working force according to plans prepared by our engineer, Mr. A. C. Godward. It is a semi-circular arch of a 20-foot span with the foundations and wing-walls resting on soft sandstone. The cost of the bridge is as follows:

| | |
|---|------------|
| Excavations, labor, etc. | \$282.72 |
| Forms, lumber, carpenter work, etc..... | 484.99 |
| Stone and sand | 292.76 |
| Cement | 152.22 |
| Steel | 75.22 |
| Labor on concrete | 187.83 |
| Water proofing | 50.53 |
| Subgrade of approaches | 184.72 |
| Engineering | 45.00 |
| | <hr/> |
| | \$1,756.27 |

Some changes have been made in the swimming pool, namely:

1. Turnstile outlets have been installed at the dress courts in order to reduce the necessary number of attendants to control those exits.
2. The spectators' gallery has been guarded by a substantial pipe railing.

3. A spectators' entrance has been provided at the southwest corner of the swimming pool to admit visitors without requiring them to go through the field house.

These improvements have been made with the approval of the donor of the building, Mr. C. C. Webber, who has borne the entire expense, and they have resulted in much better service.

Attendance at the swimming pool has been quite satisfactory. In August a water sports festival, given on the lake, attracted large crowds. A number of trees on the shore of the lake were killed by water and have been removed.

NORTH COMMONS. James Avenue and Nineteenth Avenue North,
25.74 acres.

Grading operations north and east of the field house were begun towards fall shortly after funds for this work became available, and were continued until frost interfered. The very wet weather during the fall months delayed this work, but on the whole good progress has been made considering the heavy clay material. Shrubbery plantings were established on the finished gradings north and west of the sunken ball field and have done very well. The Board of Education has been given the use of a piece of ground south of the field house for a school garden.

FARWELL PARK. North Sheridan Avenue and Farwell Place, 1.22
acres.

Sewer and water connections have been established, and the good surface loam from the low grounds has been stored in piles. The filling of the low grounds had been commenced but was discontinued, first, for lack of funds, and later, on account of rain and frost. A few weeks with a small crew will complete this work.

POWDERHORN LAKE PARK. Tenth Avenue South and Thirty-second Street East, 59.22 acres.

The playground apparatus has been removed from its former location near Tenth Avenue between Thirty-second and Thirty-third Streets South, and has been re-erected on the new playground on Fifteenth Avenue at the foot of Thirty-fourth Street. Some additional apparatus has been added and a standard playground outfit is now assembled at this place.

The level piece of ground on Tenth Avenue, north of Thirty-second Street, has been graded and four tennis courts have been laid out, which will be ready for use in the spring. A similar piece of land south of Thirty-fourth Street has been used by the School Board for a school garden. Two tracks have been graded on the west slope of the lake for the accommodation of coasting, which is very much

in vogue here in the winter. The lake has greatly lowered, and, notwithstanding the heavy rains of last fall, is still about two feet lower than usual.

The two wells driven here, which furnish most excellent water, are much used by a very large neighborhood.

EUCLID TRIANGLE. Euclid Place and Twenty-sixth Street West,
0.33 acres.

The lawn was reseeded in early spring and splendid results have been obtained. In its well developed and improved condition it is a much appreciated betterment of that attractive residential district.

BRYANT SQUARE. Bryant Avenue South and Thirty-first Street,
3.68 acres.

Only a very small amount of filling material was obtained and the low grounds are still in a very unsightly condition. Every effort has been made to secure filling material, but without success. For this reason \$5,000.00 set aside for this work could not be used.

GLENWOOD PARK. From Great Northern tracks at Cedar Lake to Great Northern tracks at Nineteenth Avenue North, 584.60 acres.

A bath house similar to the one at Lake Nokomis has been erected. The demand for such accommodations is quite strong and shows that Glenwood Park is sure to become a favorite recreation ground. Bath house facilities, consisting of two small buildings which were moved there previously, were inadequate and unsatisfactory. A skating rink is maintained and for this season three electric arc lamps have been provided, and a hockey ring has been established. The old farm house and barn near Superior Avenue have been sold and removed. Considerable forestry work has been done during the winter months.

Under the painstaking and efficient supervision of Miss Eloise Butler, the wild garden has been well taken care of and improved and it is now quite an attraction to the people interested in plant life. Miss Butler presents the following report:

Minneapolis, Minn., November 3, 1911.

Mr. Theodore Wirth, Superintendent of Parks, Minneapolis.

Dear Sir: The report of the progress of the Wild Botanic Garden in Glenwood Park during the year 1911 is herewith respectfully submitted.

Since last March there have been planted in the Garden 157 species of plants (several specimens each), 40 species of which were new to the place, the others being plants desirable to increase, with the exception of a few that had failed to grow on account of drought, or had been destroyed by fire.

Barring the results of a fire set by boys early in April, which ran over one-third of the Garden before it could be checked, the season has been a prosperous one. The plantings have been unusually successful. The fire destroyed several young evergreen trees and the tops of a number of shrubs.

Besides the species of especial interest enumerated in the last report that have been established in the Garden and brought to blossom in the season just closed, the following have been observed: *Chrysosplenium Americanum*, *Mitella diphylla*, *Hydrocotyle Americana*, *Gentiana Andrewsii*, *Habenaria psychodes*, *Lobelia cardinalis*, *Hibiscus Moscheutos*, *Prunella vulgaris*, *Asclepias tuberosa*, *Allium cernuum*, *Cassia Chamaechrista*, *Dalea Alopecurioides*, *Physostegia Virginica*, *Hypericum Ascyron*, *Sanguisorba Canadensis*, *Myosotis laxa*, *Phlox pilosa*, *Campanula Americana*, *Euphorbia heterophylla*, *Anychia polygonoides*, *Delphinium Penardii*, *Isopyrum biternatum*, *Viola Canadensis*, *Asarum Canadense*, *Dicentra cucullaria*, *Calopogon pulchellus*, *Corydalis aurea*, *Mimulus ringens*, *Helenium autumnale*, *Silphium perfoliatum*, *Liatris pycnostachya*, *L. cylindracea*, *L. scariosa*, *Aster sericeus*, *A. multiflorus*, *A. Novæ Angliæ*, *A. divaricatus*, *Helianthus giganteus*, *Coreopsis lanceolata*.

Colonies of *Myosotis*, fairly choking the brook and blossoming from early summer until frosts, and those of *Hypericum* and of *Cassia* have been particularly admired by visitors.

Many days have been spent in removing the fallen boughs of trees and in discouraging noxious weeds, especially the Canada thistle, which has come into the Garden from an adjacent part of the park where it is the chief vegetation. Instead of using poison that would destroy valued neighboring plants, my method is to uproot the pest wherever it appears and thus starve out the rootstocks. But it is a process that has to be more than once repeated as seeds germinate that are blown in from outside.

At the request of Mr. LeRoy Boughner, the city editor of the Tribune, I have, beginning with Easter, written a series of weekly articles for his paper on the Wild Garden and the native flora. These have served to advertise the Garden and to attract many visitors to it. Four days of the week were given up to personally conducting visitors through the place, several of whom have shown their appreciation by coming again and again, notwithstanding the distance. Some have desired to learn more about botany, and others have wished for advice in planting their grounds at the Lake, where they intend to preserve or enhance the wild features. We are now able to supply seeds from the Garden and some plants which multiply and can be removed to make room for new importations.

A number of talks on the Garden, illustrated by lantern slides, have also been given to various clubs and schools, of which the aim has been to awaken and deepen an interest in nature.

A second exhibit of the Garden was made at the State Fair, consisting of vases of flowers in bloom at the time and of some 200 photographs, many of them colored by hand. The flowers and photographs were labeled with both the common and the scientific names, and were accordingly an aid to students. The exhibits of wild flowers correctly named took the first premium. On account of its merit, I have been encouraged to believe that hereafter the exhibit will be a permanent feature of the Fair, and will be financed by the horticultural commission. The photographs of the exhibit have been placed in the public library where they can be seen on application.

I have dug up in the wilderness the greater number of the plants I introduced into the Garden; besides those acquired by purchase, some have been obtained from the nurseries of the Park Board, and others by exchange, or by gift from those interested in the project. But the most important and valuable of the plants are those that are indigenous to the place. Nowhere else in Minneapolis are found growing freely the pitcher plant, linnaea, Turk's-cap lily, showy lady's slipper and fringed gentians,—the most beautiful members of the vegetable kingdom, and which in themselves are a sufficient reason for perpetuating the Garden.

Respectfully yours,

ELOISE BUTLER,

Curator of the Wild Garden, Glenwood Park.

GLENWOOD-CAMDEN PARKWAY. From Great Northern tracks at
Nineteenth Avenue North to
Camden Park, 164.56 acres.

The necessary land for this very important link in the "Grand Rounds" has been acquired practically along the plans and lines submitted in my last annual report. From Twenty-ninth Avenue to Forty-fifth Avenue the route along the outside of the city limits has been adopted, thereby saving about \$43,000.00, based on the appraisal. The total acreage of the land acquired is 164.56 acres. A topographical survey of those lands will be made as soon as practicable.

TRIANGLES

An appropriation of \$2,500.00 was made available from the 1911 bond issue for the improvement of triangles in different parts of the city. The following triangles have been improved under this appropriation:

| | |
|--|---------|
| Smith Triangle, Hennepin Ave. and 24th St.— | |
| 215 ft. curb | \$73.10 |
| Cedar Ave. Triangle, Cedar Ave. and 7th St.— | |
| 154 ft. curb | 41.58 |
| 113 sq. yds. sidewalk | 56.50 |
| Normanna Triangle, Minnehaha Ave. and 22nd St. E.— | |
| 500 ft curb | 173.06 |
| 320 sq. yards sidewalk | 201.60 |
| Humboldt Triangle, Sixth Ave. N. and Elwood Ave.— | |
| 300 ft. curb | 102.00 |
| Irving Triangle, Irving Ave. and 22nd Ave. N.— | |
| 478 ft. curb | 162.50 |
| 79 sq. yds. sidewalk | 49.77 |
| Hillside Triangle, Hillside and Logan Aves. N.— | |
| 780 ft. curb | 265.20 |
| 292 sq. yds. sidewalk | 183.96 |

These triangles will be graded, seeded and planted and will greatly improve the neighborhoods in which they are located. Such small ornamented breathing spots all over the city are of great benefit and are well worth the expenditures herein enumerated, and the work should be continued until all such triangles are so improved.

WELL DRILLING MACHINE

The demands for wells from all parts of the city have been so numerous that the machine has been unable to do all the work. The following wells have been established during the year:

| Parks— | Depth ft. | Cost, including all piping and pump. | Cost per ft. |
|---------------------------------|-----------|--|-----------------|
| 1 Powderhorn Park | 261 | \$690.12 | \$2.64 |
| 1 Elliot Park | 435 | 834.60 | 1.94 |
| 1 Franklin Steele Square | 257 | 311.83 | 1.21 |
| 1 Humboldt Triangle | 193 | 314.23 | 1.63 |
| 1 Cedar Ave. Triangle | 313 | 773.22 | 2.47 |
| 2 Loring Park | 435 | 741.53 | 1.70 |
| 1 Lake Calhoun | 256 | 658.41 | 2.57 |
| Average cost, per foot, \$2.01. | | | |

The total number of park wells drilled to date is 23, at an aggregate depth of 5,558 feet. The cost, including everything except the well-drilling machine, is \$10,254.30, or \$1.84 per foot. This statement does not include the wells driven for the Board of Education.

By continuing to drill wells wherever they will be of the most use, the Board is doing a service which will be appreciated by everybody in the community.

OILING OF BOULEVARDS

Oiling operations began as early as May 13th, the weather being favorable at this early date, and were completed July 16th. Brand No. 4 of the Standard roadbed oil was used with very satisfactory

results. The following dust layer preparations were experimented with on Lake of the Isles Boulevard along the south shore of the lake:

1. Glutrin.
2. Tasscoil.
3. Asphaltollene.

The first two show no advantages over the No. 4 roadbed oil. The lasting qualities of the third will have to be tried for another year or two in order to determine whether it will be better and more economical to use it at 6 cents more per gallon than the oil we are using now.

The total mileage of boulevards oiled is 19.9, and the cost is \$5,752.92, or \$289.08 per mile. The average cost per square yard on the entire amount is \$.02 as against \$.02389 in 1910. The attached table gives detailed information of all oiling operations during the year.



Skating—Van Cleve Park

STATEMENT OF OILING OPERATIONS—SEASON OF 1911.

| Parkway— | Length (feet) | Width (feet) | Total sq. yds. | Cost oil, etc. | Cost of Labor | Total Cost | Cost sq. yd. | Cost Mile | Amt. oil sq. yd. (gals.) | Amt. oil used (gals.) |
|------------------------|------------------|-----------------|-------------------|-------------------|------------------|---------------|-----------------|--------------|--------------------------------|-----------------------------|
| Lake of the Isles..... | 17,501 | 16-40 | 59,960 | \$1,185.60 | \$394.88 | \$1,580.48 | .0264 | \$476.46 | .61 | 31,917 |
| Lake Calhoun | 9,364 | 16-32 | 28,739 | 379.80 | 228.17 | 607.97 | .0212 | 342.77 | .36 | 10,550 |
| Lake Harriet | 18,041 | 15-200 | 61,711 | 732.98 | 438.83 | 1,171.81 | .019 | 342.93 | .33 | 20,325 |
| King's Highway | 7,100 | 12-20 | 11,600 | 229.80 | 84.45 | 314.25 | .027 | 233.69 | .54 | 6,300 |
| Minnehaha Parkway.. | 27,907 | 17-14 | 53,129 | 548.99 | 233.81 | 782.80 | .0146 | 148.10 | .28 | 15,250 |
| Minnehaha Park | 7,025 | 22-28 | 18,170 | 218.95 | 134.46 | 353.41 | .019 | 265.58 | .33 | 6,082 |
| St. Anthony Parkway | 8,089 | 23-9 | 21,499 | 229.09 | 127.71 | 356.80 | .0166 | 232.85 | .29 | 6,355 |
| Kenwood Parkway... | 4,336 | 32-40 | 15,813 | 227.70 | 95.75 | 323.45 | .02 | 393.97 | .40 | 6,325 |
| Lyndale Park | 2,300 | 18 | 4,600 | 99.90 | 48.20 | 148.10 | .0322 | 339.98 | .60 | 2,775 |
| Interlachen | 2,324 | 28-32 | 7,976 | 52.20 | 13.05 | 65.25 | .0082 | 148.26 | .18 | 1,450 |
| Dean Boulevard..... | 1,450 | 20 | 3,222 | 36.00 | 12.60 | 48.60 | .0151 | 176.86 | .42 | 1,350 |
| Total | 105,437 | ..... | 286,419 | \$3,941.01 | \$1,811.91 | \$5,752.92 | ..... | ..... | ... | 108,679 |

Total number of miles oiled..... 19.9

Average cost per mile.....\$289.08

Average cost per square yard..... .02

Cost of oil 3.6 cents per gallon f.o.b. Minneapolis, Minn.

NEW ROAD MACHINE

In the early spring Mr. W. N. Williams, a local resident, asked permission to demonstrate a road machine of his own invention on our boulevards, which was granted. The machine did very satisfactory work, but its operation was rather expensive as it required eight horses to pull it when grading a hard surface gravel road. The gasoline roller was then used for motive power with very good results. The machine, however, proved to be too light for such heavy work and we bought the right from Mr. Williams to build a machine of our own, but to make it stronger and to add some improvements. With this machine it will be possible to keep our gravel and dirt roads in good condition at a comparatively small expense. The roller, however, is too slow and a traction engine should be provided the coming year for this work. The cost of operating the machine and traction engine would be about \$12.00 per day, and from three to four miles of road could be graded per day. Then all boulevards could be so treated once a month and kept in much better condition than is possible by hand labor, and at much less expense. Considering the large amount of pleasure driving which is done on our boulevards, and taking into account the unsatisfactory surface condition of most of our driveways, I recommend that this be done.

FORESTRY

Mr. Max Kaiser, Forester, employed from April 1st, 1909, until July 1st, 1911, resigned in order to go into private business. Mr. Fred H. Perl of Rochester, N. Y., a graduate of Cornell University, was appointed in his place and took charge of that department July 1st. The following report of Mr. Perl gives detailed information of the work performed under his supervision.

Minneapolis, Minn., December 11, 1911.

Mr. Theodore Wirth, Superintendent of Parks, Minneapolis, Minn.

Dear Sir: I hereby submit the following report of the work accomplished by the Forestry department during this current year.

Park Plantings

Within the past year planting plans have been prepared and carried out in the following parks, squares, triangles and boulevards, namely: Lyndale, Lake of the Isles, Minnehaha, Camden, Van Cleve, Elliot and Wilson Parks; Irving, Cedar Avenue and Groveland Triangles; Stinson and Lake Calhoun Boulevards; Jackson Square, The Parade, North Commons, Superior Avenue and Cottage City. Plantings, 936 evergreens, 334 trees, 10,316 shrubs and 167 vines.

Replacing of Trees, Shrubs, Etc.

Such was done at Riverside Park, Euclid Triangle, Loring Park, St. Anthony Parkway, Clifton Triangle, Virginia Triangle, Glen Gale, Mount Curve Triangle, Svea Triangle, Dell Place, Smith Triangle and Lake Harriet. Total, 5 trees, 747 shrubs.

Lyndale Park (Fall Planting)

Evergreens were planted as a screen along the cemetery border. The individual plantings were as enumerated: 65 *Thuja occidentalis*, 24 *Picea alba Columbiana*, 28 *Picea excelsa*, 56 *Pinus divaricata*, 16 *Pinus Austriaca*, 23 *Pinus strobus*, 25 *Pinus sylvestris*, 10 *Juniperus communis aurea*, 6 *Juniperus scopulorum*, 5 *Juniperus communis Canadensis*, 4 *Pinus ponderosa*, 3 *Pinus parviflora*, 7 *Picea Douglasi*, 3 *Picea excelsa Cranstoniana*, 3 *Juniperus Phitzeriana*, 3 *Abies Veitchi*, 2 *Abies concolor*, 2 *Picea excelsa Remonti*, 3 *Tsuga Mertensiana*, 2 *Tsuga Canadensis compacta*, 1 *Tsuga Canadensis Sargentii pendula*, 1 *Juniperus communis Canadensis aurea*, 1 *Juniperus Virginiana glauca*, 1 *Picea obovata*, 1 *Picea pungens glauca*, 1 *Pinus cembra*. Total, 299.

Lake of the Isles (Fall Planting)

Many evergreens were in a crowded condition and were shifted to form more pleasing compositions. Evergreen plantings were continued: 204 *Thuja occidentalis*, 68 *Pinus Austriaca*, 39 *Pinus strobus*, 37 *Picea alba Columbiana*, 26 *Picea excelsa*, 26 *Picea Douglasi*, 20 *Picea pungens glauca*, 10 *Juniperus Canadensis*, 10 *Juniperus Canadensis aurea*, 5 *Pinus Mughus*. Total, 455.

Minnehaha Park (Fall Planting)

Thirty-six *Taxus Canadensis*, 18 *Juniperus Sabina*, 18 *Juniperus scopulorum*, 12 *Juniperus Canadensis*, 12 *Pinus Montana*, 12 *Pinus Mughus*, 12 *Pinus strobus*, 12 *Pinus sylvestris*. Total, 132.

Glenwood Park (Fall Planting)

Six *Tsuga Canadensis*, 6 *Juniperus Sabina*, 4 *Taxus Canadensis*, 3 *Pinus strobus*, 3 *Pinus Banksiana*, 3 *Picea alba Canadensis*, 3 *Abies balsamea*, 2 *Juniperus communis Canadensis*. Total, 30.

North Commons (Spring Planting)

Two *Pinus strobus*, 2 *Pinus sylvestris*, 2 *Pinus resinosa*, 2 *Pinus Mughus*, 2 *Pinus divaricata*, 2 *Picea Canadensis*, 2 *Picea excelsa*, 2 *Picea Douglasi*, 2 *Thuja occidentalis*, 2 *Juniperus Virginiana*. Total, 20.

TABLE OF STREET TREE REPLACING, 1911

| Where Planted. | Kind. | Number. | Time. |
|---------------------------|---------------------------|---------|--------|
| Knox Ave. South..... | Ulmus Americana | 2 | Spring |
| Summit Ave. South..... | Ulmus Americana | 4 | Spring |
| Logan Ave. South..... | Ulmus Americana | 2 | Spring |
| 26th Ave. N. E..... | Tilia Americana | 7 | Spring |
| 27th Ave. N. E..... | Tilia Americana | 5 | Spring |
| Quincy Street N. E..... | Acer saccharum | 27 | Spring |
| Taylor St. N. E..... | Acer saccharum | 25 | Spring |
| Lincoln Ave. S..... | Acer saccharum | 3 | Spring |
| 43rd St. South..... | Acer saccharum | 3 | Spring |
| Clinton Avenue..... | Ulmus Americana | 35 | Spring |
| Minnehaha Ave. | Ulmus Americana | 10 | Spring |
| Minnehaha Parkway..... | Ulmus Americana | 9 | Spring |
| University Ave. S. E..... | Ulmus Americana | 6 | Spring |
| Clinton Ave..... | Ulmus Americana | 60 | Fall |
| University Ave. S. E..... | Ulmus Americana | 19 | Fall |
| Logan Ave. South..... | Acer saccharum | 11 | Fall |
| James Ave. South..... | Ulmus Americana | 6 | Fall |
| Summit Ave. South..... | Acer saccharum | 2 | Fall |
| Knox Ave. South..... | Acer saccharum | 2 | Fall |
| Lincoln Ave..... | Acer saccharum | 6 | Fall |
| Lake Place | Ulmus Americana | 2 | Fall |
| Minnehaha Ave..... | Ulmus Americana | 3 | Fall |
| Minnehaha Parkway..... | Ulmus Americana | 4 | Fall |
| 43rd St. South..... | Acer saccharum | 7 | Fall |
| Groveland Triangle..... | Ulmus Americana | 11 | Fall |
| King's Highway..... | Ulmus Americana | 1 | Fall |
| Girard Ave. North..... | Celtis occidentalis | 41 | Fall |
| 19th Ave. North..... | Ulmus Americana | 3 | Fall |
| Cedar Ave. Triangle..... | Ulmus Americana | 4 | Spring |
| Total | | 320 | |

Owing to the adverse conditions of the soil and the proximity of the railroad the hard maples on Quincy Street Northeast and the lower end of Taylor Street Northeast have not proved satisfactory. With the exception of three blocks (Twenty-sixth to Twenty-ninth Avenues Northeast) on Taylor Street Northeast, all the maples were removed on both streets and replaced with American elms. Some of the maples were used for replacing in other parts of the city, while the rest were returned to the nursery. Total on Quincy Street Northeast, 162 *Ulmus Americana*; on Taylor Street Northeast, 96 *Ulmus Americana*.

TABLE OF STREET TREE PLANTING, 1911

| Where Planted. | From | To | Number. | Kind. |
|---------------------|------------------|------------------|---------|-----------------|
| 15th Ave. S..... | 33rd St..... | 36th St..... | 84 | Ulmus Americana |
| 19th Ave. N..... | James Ave..... | Morgan Ave..... | 12 | Ulmus Americana |
| Morgan Ave. N..... | 18th Ave. N..... | 19th Ave. N..... | 10 | Ulmus Americana |
| Cedar Ave. Triangle | | | 4 | Ulmus Americana |
| Total | | | 110 | |

TABLE OF STREET TREE PLANTING ORDERED FOR 1912

| Street or Ave. | From | To | No. of trees. | Kind. |
|---------------------|---------------------|---------------------|---------------|-----------------|
| Lyndale Ave. N..... | 29th Ave..... | 34th Ave..... | 101 | Ulmus Americana |
| Lyndale Ave. S..... | 36th St..... | 38th St..... | 18 | Ulmus Americana |
| Lyndale Ave. N..... | Vineland Place..... | Western Ave..... | 113 | Ulmus Americana |
| Vineland Place..... | Lyndale Ave..... | Bryant Ave. S..... | 16 | Ulmus Americana |
| Bryant Ave. S..... | Kenwood Pkway..... | Vineland Place..... | 5 | Ulmus Americana |
| West 15th St..... | Oak Grove St..... | Nicollet Ave..... | 53 | Ulmus Americana |
| Grant St..... | Willow St..... | Vine Place..... | 26 | Ulmus Americana |
| Yale Place..... | Willow St..... | 12th St..... | 35 | Ulmus Americana |
| Vine Place..... | Oak Grove..... | Clifton Ave..... | 10 | Acer saccharum |

| Street or Ave. | From | To | No. of trees. | Kind. |
|------------------|------------------|-------------------|---------------|-----------------|
| Kenwood Pkwy. | Lyndale Ave. N. | Dupont Ave. | 27 | Ulmus Americana |
| E. 31st St. | 10th Ave. S. | Bloomington Av. | 74 | Ulmus Americana |
| E. 35th St. | Chicago Ave. | Bloomington Av. | 86 | Ulmus Americana |
| Powderhorn L. P. | 10th Ave. S. | 11th Ave. S. | 14 | Ulmus Americana |
| 11th Ave. S. | Powderhorn L. P. | E. 36th St. | 25 | Ulmus Americana |
| 10th Ave. S. | E. 36th St. | E. 38th St. | 57 | Ulmus Americana |
| 12th Ave. S. | E. 35th St. | E. 36th St. | 24 | Ulmus Americana |
| 13th Ave. S. | E. 35th St. | E. 36th St. | 27 | Ulmus Americana |
| 14th Ave. S. | E. 36th St. | Lake St. | 99 | Ulmus Americana |
| 31st Ave. S. | Franklin Ave. | E. 25th St. | 82 | Ulmus Americana |
| 30th Ave. S. | Franklin Ave. | E. 24th St. | 47 | Ulmus Americana |
| 29th Ave. S. | 8th St. S. | E. 24th St. | 75 | Ulmus Americana |
| 28th Ave. S. | 8th St. S. | E. 24th St. | 67 | Ulmus Americana |
| E. 24th St. | 27th Ave. S. | 32nd Ave. S. | 76 | Ulmus Americana |
| E. 22nd St. | 29th Ave. S. | 32nd Ave. S. | 44 | Ulmus Americana |
| Franklin Ave. | 29th Ave. S. | River Road West | 12 | Ulmus Americana |
| 8th St. S. | 27th Ave. S. | 29th Ave. S. | 17 | Ulmus Americana |
| 9th St. S. | Riverside Ave. | 13th Ave. S. | 35 | Ulmus Americana |
| 19th Ave. N. E. | Monroe St. | Fillmore St. | 99 | Ulmus Americana |
| 20th Ave. N. E. | Monroe St. | Fillmore St. | 85 | Ulmus Americana |
| 22nd Ave. N. E. | Monroe St. | Fillmore St. | 94 | Ulmus Americana |
| 23rd Ave. N. E. | Monroe St. | Fillmore St. | 69 | Ulmus Americana |
| 24th Ave. N. E. | Monroe St. | Central Ave. | 44 | Ulmus Americana |
| 23rd Ave. N. E. | Johnson St. | Garfield St. | 35 | Ulmus Americana |
| 26th Ave. N. E. | Taylor St. | Buchanan St. | 36 | Ulmus Americana |
| Buchanan St. | 26th Ave. N. E. | 20th Ave. N. E. | 60 | Ulmus Americana |
| Fillmore St. | 26th Ave. N. E. | 27th Ave. N. E. | 30 | Ulmus Americana |
| Penn Ave. S. | West 21st St. | L. of Isles Blvd. | 35 | Ulmus Americana |

Total1852

GENERAL FORESTRY

Watering of Trees

During the spring and summer months the watering of newly planted trees was necessary. With the kind assistance of the city water department fire hydrants were used for this purpose.

Tree Surgery

One of the chief essentials in the care of matured trees is their preservation, which is, in many cases, more satisfactory than the planting of new ones.

In twenty-seven large trees along Lake Harriet, Lake Calhoun, and Lake of the Isles Boulevards, the cavities which sometimes extended the entire length of the trunk were filled with cement, the diseased wood having been removed as far as the living tissue. Seven large trees on the street boulevards were split, either by being wind-racked, or because of overloaded branches. These were properly bolted and the wounds treated to prevent the entrance of disease. Three hundred seventy-six trees reported dead or injured by the tree warden and individuals received prompt attention. Dead trees were removed and the others pruned and properly cared for. Street tree pruning was confined to Hennepin Avenue from West Lake Street to Lowry Hill, a total of 384 trees.

Tree Moving

Missing trees along Kenwood Parkway are being replaced with elms taken from Willow Street, where they stand too close together. The trees are moved with large frozen balls, the holes being prepared at the beginning of winter.

Tree Pruning in Parks and Parkways

Considerable pruning and thinning out of trees was done at Lake Harriet, Interlachen, Loring Park, Stevens Square, Lake of the Isles, and Minnehaha Parkway.

One hundred seventy-five trees infested with the Oak Clytus on Riverside Boulevard West were cut down and destroyed. All trees infested, but not cut, were marked. These are being removed in the following parks and the wood used at the skating houses, greenhouses and workshops: Windom, Farview, Lake Harriet, North Commons, Kenwood, Glenwood, and Minnehaha Parks, Riverside Boulevard and Columbia Park.

Trees Killed by Gas

Seventeen 7 to 10-inch American elms suffered from large gas leaks during the past season. Tests were made of the soil and in all cases the offensive odor was detected. The Gas Company was notified immediately and responded, repairing the mains.

Private Work

Along Hennepin Avenue several merchants had encroached upon the boulevard trees by laying sidewalks around them, thus preventing the access of air and moisture. These walks had to be taken up. In order that the work would be performed satisfactorily the same was done by us and charged against the property owner. Coarse gravel was placed in the open spaces, and in one place iron grills were used to replace the stonework.

To prevent the spread of, and to aid in the fight against, the Oak Clytus, many property owners, whose trees are known to be infested, have been induced to destroy them.

INSECT AND FUNGUS DISEASES

In the spring and warm summer months the vitality of many trees and shrubs suffered from drought and from natural parasitic enemies, such as insects and fungi. Wherever these occurred they received immediate attention.

Borers

Besides the Oak Clytus, there is another borer which is very common, namely, the Bronze Birch Borer (*Agrilus anxius*). This in-

sect seems to confine its ravages to birch trees entirely, the European white birch (*Betula alba*) and its cut-leaved weeping variety (*Betula pendula laciniata*) being its chief food plants. Other varieties, *lenta*, *lutea*, and *papyrifera*, have been attacked to a lesser degree.

Sucking Insects

The Cottony Maple Scale (*Pulvinaria innumerabilis*) Oyster Shell Bark Scale (*Mytilaspis pomorium*) and the Scurfy Scale (*Chionaspis furfurus*) were found in great numbers in the vicinity of Van Cleve Park, Kenwood Parkway and Lowry Hill. An effective contact poison was applied and satisfactory results were obtained.

Fungous Growth

On the upper boulevard of Lake Harriet several American lindens, having been sunscalded, were affected with a fungus known as Sulphur polyporus. This was entirely removed and the wounds treated.

During the year 345 permits were issued to private parties for tree planting and 899 stakes set for that purpose. In the spring 248 permits were granted and 594 stakes set; in the fall 97 permits were granted and 305 stakes set.

Respectfully submitted,

F. H. PERL, B. S. A.

Forester.

PLAYGROUNDS

The playground activities in our parks have reached a stage of recognition by the public in general which is most gratifying. The demand for additional playgrounds and the enlargement of the existing ones, while persistent, is not indiscriminate. On the contrary, it is based on close observation and study, and requests expansion only under proper supervision and instruction. It is along these lines that the Board has proceeded in the past, and I believe that the efforts made have been fruitful and are appreciated by the public as a whole.

The following is a report of Playground Supervisor C. T. Booth:

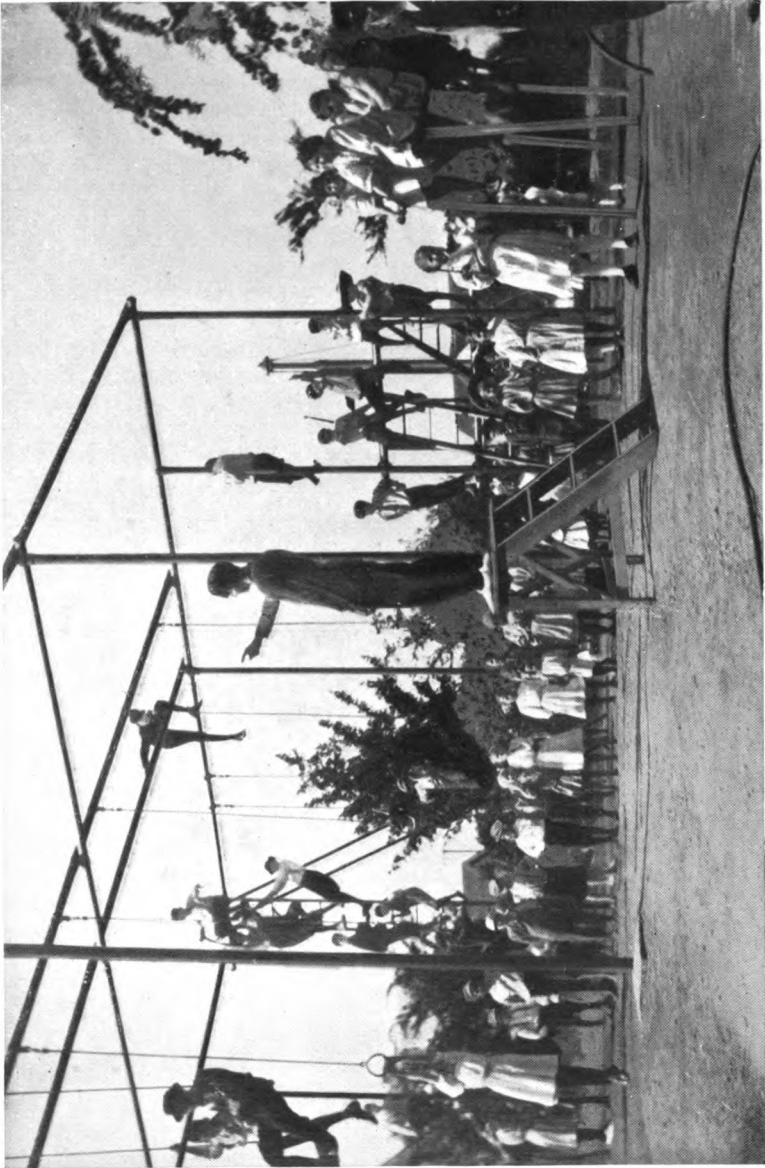
Minneapolis, Minn., Jan. 1, 1912.

Mr. Theodore Wirth, Superintendent, Board of Park Commissioners,
City of Minneapolis.

Dear Sir: The following is a report of the park playground activities during the year 1911:

Equipment and Facilities

Additional gymnastic and athletic apparatus was installed in the boys' section of the Camden playground. Additional athletic facilities were placed at Farview, North Commons, Riverside, Van Cleve, and Logan playgrounds. This apparatus was placed in the early summer and used all season.



Play Grounds—Powderhorn Lake Park

The apparatus of the former Powderhorn playground was dismantled and transferred to its new location. Additions were made to the same and it is now, in its completed form, a model neighborhood playground.

Jackson Square was also equipped during the fall and the apparatus was so arranged as to interfere with the skating rink as little as possible.

The equipment for North Commons is on hand and ready for installation.

Three temporary turf tennis courts were provided, one each at Riverside, Murphy Square and Powderhorn. During the fall four new clay courts were graded at Powderhorn.

Two sets of backstops made of galvanized iron piping and heavy wire screen were erected, one set at Loring Park and one at Tower Hill. Four galvanized iron piping and heavy screen baseball backstops were placed on The Parade and one at North Commons. One set of iron piping football goals was placed at North Commons.

During the winter skating rinks with warming houses were provided at the following parks: Loring, Powderhorn, Lake of the Isles, Lake Harriet, North Commons, Camden, Glenwood, Van Cleve, Jackson Square, Logan and Lake Nokomis. Skating without warming house facilities was also offered at St. Anthony River Flats, Tower Hill, Oak Lake, Elliot Park, Glen Gale, Minnehaha, Lyndale Farmstead, Lake Calhoun (2), Lake of the Isles and Spring Lake. The skating rinks have been kept in good condition, and the public has taken advantage of the opportunities. No attendance estimates have been made.

Hockey rinks were kept in condition at Lake of the Isles, Lake Harriet, North Commons and Powderhorn. Two coasting courses were prepared at Powderhorn.

Supervision and Organization

Six men and three women play instructors were on duty at the six neighborhood playgrounds, Camden, Farview, North Commons, Riverside, Van Cleve and Logan, from June 12th to August 26th. Their hours of duty each week day were from 2 p. m., to 5 p. m., and from 7 p. m. to 9 p. m. With but two exceptions, all instructors had served one or more years with this Department.

Regular weekly conferences of the play instructors have been held. General supervision has been maintained at all places where play facilities have been offered, during the entire playground season, from May 1st to Oct. 10th.

Gymnastics, mass games, basketball, indoor baseball, volley ball, folk dancing, story telling, and industrial play were conducted during the instructors' term. Leagues were organized at the various playgrounds in basket ball and indoor baseball for boys, girls, and young men. Inter-Park leagues in these sports were conducted successfully. The winning playground teams who received honor shields, were:

| | | |
|-----------------|----------|-----------|
| Basket Ball | —Juniors | Camden |
| | Seniors | Camden |
| | Girls | Riverside |
| Indoor Baseball | —Juniors | Logan |
| | Seniors | Logan |
| | Girls | Riverside |

The annual Gymnastic Meet was held at Riverside playground August 8th. About eighty men and boys from the six playgrounds engaged in contests on horizontal bar, parallel bars, horse, flying rings, and in tumbling. It was estimated that 2,500 people viewed the contests. The winning teams were:

Boys—Logan Playground
Men—Riverside Playground

The annual Athletic Meet, held August 16th, on The Parade, included events for about two hundred boys, girls and young men. The list of events is as follows:

BOYS—Running broad jump, 50-yard dash, potato race, running high jump, eight pound shot-put and relay races.

GIRLS—Forty yard dash, basket ball throw for distance, indoor baseball throw for distance, running high jump and relay races.

In the evening the young men started the following events but on account of rain adjourned for another evening: running broad jump, twelve pound shot-put, running high jump, 50, 100 and 440-yard dashes and relay races. The winning teams were:

Boys—Logan Playground
Girls—Riverside Playground
Men—Van Cleve Playground

Play festivals at each of the six playgrounds were held the last week of August, where games, folk dances, athletics and gymnastics were engaged in. The total estimated attendance at these festivals was 9,500.

For the summer season, May 1st to October 10th, the total attendance at the six playgrounds, Camden, Farview, North Commons, Riverside, Van Cleve and Logan, based upon the instructors' reports and my own observation, was 395,882. One less playground (Powderhorn) was conducted and the season was fifteen days shorter than in 1910.

The Parade and North Commons fields were used for baseball and football. Permits were issued upon application for ninety-two games; twenty-four baseball and nine football on North Commons; forty-five baseball and fourteen football on The Parade, besides several special and season permits.

Baths

Camden Baths were opened June 8th and closed September 4th, making a total of eighty-nine days. The attendance was 21,993 men and boys, 5,528 women and girls, or a grand total of 27,521. Cash receipts were \$499.22.

Mr. Foster was again the director and was assisted by five men and one woman. Thirteen rescues were effected and no serious accidents occurred.

NEIGHBORHOOD PLAYGROUND ATTENDANCE

May 1, 1911, to Oct. 10, 1911

Instructors' Reports Afternoons and Evenings—June 12 to Aug. 26

| | June. | July. | August. | Total. |
|---|--------|--------|---------|---------|
| Camden | 7,908 | 9,814 | 9,422 | 27,144 |
| Farview | 8,384 | 10,487 | 9,478 | 28,349 |
| North Commons | 9,016 | 9,652 | 8,097 | 26,765 |
| Riverside | 15,619 | 20,314 | 30,872 | 66,805 |
| Van Cleve | 4,479 | 4,236 | 6,495 | 15,210 |
| Logan | 13,419 | 16,171 | 17,896 | 47,486 |
| Totals | 58,825 | 70,674 | 82,260 | 211,759 |
| Estimated morning attendance June 12th to Aug. 26th | | | | 35,293 |
| Estimated daily and evening attendance May 1st to June 12th and Aug. 26th to Oct. 10th..... | | | | 148,830 |
| Grand total | | | | 395,882 |

CALHOUN BATHS

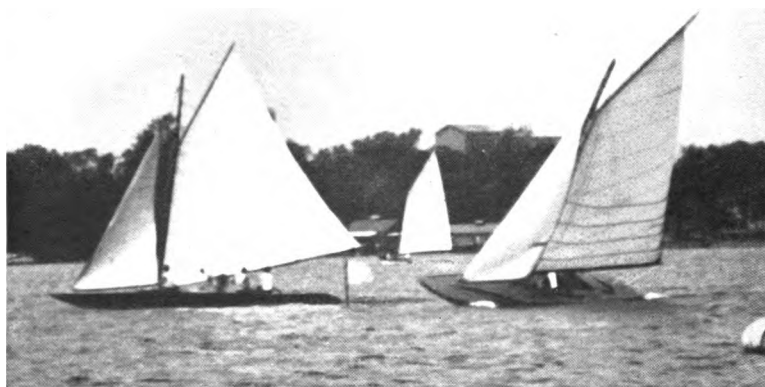
| | June. | July. | August. | Total |
|---------------------------------------|--------|--------|---------|------------|
| Paid admissions | 7,499 | 6,130 | 777 | 14,406 |
| Free admissions | 6,946 | 5,125 | 622 | 12,693 |
| Totals | 14,445 | 11,255 | 1,399 | 27,099 |
| Total admissions | | | | 27,099 |
| Cash receipts (includes lockers)..... | | | | \$1,906.90 |
| Expenditures | | | | 1,738.79 |

CAMDEN BATHS

| | June. | July. | August. | September. | Total. |
|--|--------|--------|---------|------------|----------|
| Men and boys.. | 9,685 | 8,807 | 3,293 | 208 | 21,993 |
| Women and girls | 2,187 | 2,028 | 1,224 | 89 | 5,528 |
| Totals | 11,872 | 10,835 | 4,517 | 297 | 27,521 |
| Total attendance | | | | | 27,521 |
| Cash receipts (suits and towels only)..... | | | | | \$499.22 |
| Expenditures | | | | | 2,075.11 |



Running High Jump—Annual Contest on The Parade



Water Sports—Lake Calhoun.

PLAYGROUND EQUIPMENT 1911 INCLUSIVE.

| | Horses | Bucks | Parallels | Indoor Baseball | Outdoor Baseball | Football | Volley Ball | Basket Ball | Gym. Outfits | Swings | See-Saws | Sand Boxes | Merry-go-Rounds. | Giant Strides | Tennis Courts | Shot-Put Rings | Jumping Standards | Tennis Backstops | Baseball Backstops | Shelter Houses | Skating Rinks | Coasting Courses | Hockey Rinks |
|---------------------|--------|-------|-----------|-----------------|------------------|----------|-------------|-------------|--------------|--------|----------|------------|------------------|---------------|---------------|----------------|-------------------|------------------|--------------------|----------------|---------------|------------------|--------------|
| Camden | 1 | 1 | 1 | 2 | | | 2 | 2 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | | |
| Elliot | | | | | | | | | | | | | | | | | | | | | | | |
| Franklin Steele | | | | | | | 1 | 2 | 1 | 1 | 1 | 2 | | | | | | | | | | | |
| Farview | 1 | 1 | 1 | 2 | | | | | | | | | | | | | | | | | | | |
| Harriet | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Jackson Square | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Logan | 1 | 1 | 1 | 1 | | | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Loring | | | | | | | | | | | | | | | | | | | | | | | |
| Lowell Square | | | | | | | | | | | | | | | | | | | | | | | |
| Maple Hill | | | | | | | | | | | | | | | | | | | | | | | |
| Minnehaha Park | | | | 1 | | | | | | | | | | | | | | | | | | | |
| Murphy Square | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| North Commons | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Powderhorn | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Riverside | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Stevens Square | | | | 2 | | | | | | | | | | | | | | | | | | | |
| Tower Hill | | | | | | | | | | | | | | | | | | | | | | | |
| The Parade | | | | 4 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Van Cleave | 1 | 1 | 1 | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | |
| Windom | | | | | | | | | | | | | | | | | | | | | | | |
| Spring Lake | | | | | | | | | | | | | | | | | | | | | | | |
| Lake of the Isles | | | | | | | | | | | | | | | | | | | | | | | |
| Lake Calhoun | | | | | | | | | | | | | | | | | | | | | | | |
| Lake Calhoun | | | | | | | | | | | | | | | | | | | | | | | |
| Glenwood | | | | | | | | | | | | | | | | | | | | | | | |
| Lyndale Farmstead | | | | | | | | | | | | | | | | | | | | | | | |
| Lake Nokomis | | | | | | | | | | | | | | | | | | | | | | | |
| St. Anthony Parkway | | | | | | | | | | | | | | | | | | | | | | | |
| Oak Lake | | | | | | | | | | | | | | | | | | | | | | | |
| Glen Gale | | | | | | | | | | | | | | | | | | | | | | | |
| Totals | 7 | 7 | 7 | 12 | 5 | 2 | 10 | 14 | 14 | 20 | 17 | 24 | 10 | 15 | 20 | 8 | 8 | 2 | 5 | 6 | 22 | 2 | 4 |

| | 1906. | 1907. | 1908. | 1909. | 1910. | 1911. | Total. |
|-----------------------------|------------|------------|------------|------------|------------|------------|-------------|
| Acreage | 4% | 6% | 22% | 25% | 25% | 40% | |
| Equipment | \$1,500.00 | \$3,094.32 | \$3,224.47 | \$1,549.05 | \$1,219.99 | \$3,636.02 | \$14,224.45 |
| Maintenance | | 203.75 | 736.32 | 469.16 | 600.00 | 511.78 | 2,821.01 |
| Supervision | Voluntary | 300.00 | 1,220.00 | 1,700.00 | 2,648.02 | 2,000.00 | 7,868.02 |
| Supervisors and Instructors | 1 | 1 | 7 | 10 | 12 | 12 | |
| Total expense | | | | | | | \$24,613.48 |

FINANCIAL STATEMENT—1911

| | Equipment. | Supervision, Instruction, Maintenance. | Totals. |
|-----------------------------|------------|--|------------|
| Camden Park | \$243.56 | \$305.87 | \$549.43 |
| Elliot Park | | 2.50 | 2.50 |
| Farview Park | 16.78 | 398.15 | 414.93 |
| Franklin Steele Square..... | | 2.66 | 2.66 |
| Jackson Square | 91.10 | 9.23 | 100.33 |
| Lake Harriet | | 50.19 | 50.19 |
| Logan Park | 12.81 | 389.60 | 402.31 |
| Loring Park | 174.86 | 137.25 | 312.11 |
| Lovell Square | | 5.75 | 5.75 |
| Maple Hill | | 3.00 | 3.00 |
| Minnehaha Park | | 24.78 | 24.78 |
| Murphy Square | | 22.90 | 22.90 |
| North Commons | 1,545.87 | 269.44 | 1,815.31 |
| Powderhorn Lake Park.... | 1,203.64 | 81.60 | 1,285.24 |
| Riverside Park | 13.36 | 433.39 | 446.75 |
| St. Anthony Parkway..... | | 1.75 | 1.75 |
| Stevens Square | | 4.39 | 4.39 |
| The Parade | 149.64 | 69.98 | 219.62 |
| Tower Hill | 171.88 | 11.78 | 183.66 |
| Van Cleve Park..... | 12.52 | 283.28 | 295.80 |
| Windom Park | | 4.39 | 4.39 |
| Totals | \$3,636.02 | \$2,511.78 | \$6,147.80 |

STATEMENT OF SKATING RINK EXPENDITURES DURING 1911

| Park. | Expense cleaning and planing ice. | Warming house attendants, supplies, etc. | Total expense, not includ- ing police. |
|--------------------------|---|---|---|
| Camden Park | \$212.06 | \$392.80 | \$604.86 |
| Elliot Park | 8.39 | | 8.39 |
| Glen Gale | 15.70 | 5.53 | 21.23 |
| Glenwood Park | 163.89 | 77.90 | 241.79 |
| Jackson Square | 79.61 | 205.37 | 284.98 |
| Lake Nokomis | 55.10 | 23.82 | 78.92 |
| Lake Calhoun | 37.30 | | 37.30 |
| Lake Harriet | 205.09 | 246.45 | 451.54 |
| Lake of the Isles..... | 266.75 | 500.41 | 767.16 |
| Logan Park | 5.00 | 191.42 | 196.42 |
| Loring Park | 198.74 | 454.91 | 653.65 |
| Lyndale Farmstead | 30.26 | | 30.26 |
| Minnehaha Park | 11.84 | 6.05 | 17.89 |
| North Commons | 158.55 | 333.26 | 491.81 |
| Oak Lake | 6.75 | | 6.75 |
| Powderhorn Lake Park.... | 198.09 | 526.12 | 724.21 |
| St. Anthony Parkway..... | 15.01 | | 15.01 |
| The Parade | 7.28 | | 7.28 |
| Tower Hill | 14.30 | | 14.30 |
| Van Cleve Park..... | 74.92 | 199.16 | 274.08 |
| Totals | \$1,764.63 | \$3,163.20 | \$4,927.83 |

A carnival of two days' duration in connection with the Camden Park Commercial Club was held August 21st and 22nd. On the afternoon of the 21st, water sports for boys and girls were held in the swimming pool. In the evening canoe races were held on the Lake and the park band gave a concert. On the afternoon of the 22nd a play festival was held for boys and girls on the playground. In the evening, contests in swimming, diving, and log rolling were held in the lake. The attendance at the entire carnival was estimated at 11,000.

Recommendations

My recommendations are as follows:

1. That each of the standard equipped playgrounds now established, and the new ones as fast as they are equipped, be provided with adequate instruction and supervision for a longer term.

2. That instructors receive an increased rate of pay for a longer play season.

3. That instructors be engaged for the skating season to be present at the larger rinks at certain hours of the afternoon and evening, and on holidays.

4. That, as soon as practicable, all grounds set apart as established neighborhood or general playgrounds be enclosed by appropriate fencing.

5. That the tract of land east of pony track at Minnehaha Park be graded and equipped for a picnic sports field.

6. That additional tennis backstops be erected at Loring, Powderhorn, Harriet and Logan Parks.

Appended are tables of attendance at neighborhood playgrounds, finance, equipment, baths, skating, and yearly comparisons.

Respectfully submitted,

C. T. BOOTH, Playground Supervisor.

An authorized bond issue of \$50,000.00 for playgrounds in congested districts being available, the Standing Committee on Playgrounds has recommended the following land acquisitions for such purposes:

1. Longfellow Field, between Minnehaha Avenue and Twenty-Avenue South, and Twenty-eighth and Twenty-ninth Streets East, area 4.22 acres.

2. Seventh Ward Playground between Tenth and Eleventh Avenues, and Twenty-sixth and Twenty-seventh Streets South, ultimate area to be 3.86 acres.

3. Sumner field between Dupont and Bryant Avenues North, and Eighth and Eleventh Avenues North, area 3.01 acres.

Other playfields are under consideration.

ENGINEERING

The engineering force, in charge of Mr. A. C. Godward, has been extremely busy along many lines of work. Mr. Godward's report, hereto attached, gives a full account of all work performed by his department and under his supervision.

Minneapolis, Minn., Jan. 1, 1912.

Mr. Theodore Wirth,

Superintendent of Parks, Minneapolis.

Dear Sir:—

I herewith submit the report of the Engineering Department for the year ending December 31st, 1911.

The field work connected with the extensive park improvements carried out or contemplated during the year, and the preparing of plans and estimates for the same, have constituted the principal work of this department.

The making of surveys and the preparation of plats and descriptions for proposed acquisitions of park lands, and of recorded plats of recently acquired properties, also occupied a large amount of time.

The work of obtaining accurate topographical surveys, soundings and maps of park areas was continued, and topographical surveys were also made of several proposed additions, the total area covered being nearly 500 acres.

Surveys, plans, profiles, and estimates were prepared under the Elwell law for the improvement of Twenty-ninth Street from Lake Calhoun to Hennepin Avenue, and of Division Street from Eighteenth Avenue Southeast to the east city limits.

The department, as organized, consists of one field party of three men, one field party of two men, two draughtsmen, an inspector of contract work, and the engineer, and this force will, I believe, be all that will be required during the coming year.

It is hoped that during the year 1912 we shall be able to continue the re-establishing of park boundaries and the marking of all points with permanent monuments. Owing to lack of funds this important work was discontinued during the past year.

There has been a strong demand for a definite park ordinance regulating the width of walks, planting spaces and roadways on the various parkways; this information being needed by the telephone, gas, and electric companies, and by the city sewer and water departments. I would recommend that this department be given instructions to prepare such an ordinance and submit it for approval.

The increased amount of work required of this department during the past year necessitated the renting of additional field and office instruments. A Wye level, a 5-inch transit, new filing cases and some smaller articles are needed. The cost of all will be about \$500.00. The following is a summary of the work done during the past year:

Topographical Surveys and Maps

Showing one foot contours and the location of all trees, shrubs, and improvements, were made of Dorilus Morrison Park, The Parade, Loring Park, West Riverside Parkway, Farwell Park, Longfellow Field, Sumner Field, Seventh Ward Playground, Division Street from Central Avenue to the East City Limits, Twenty-ninth Street Boulevard and several small triangles; and parts of Glenwood Park, Lake Harriet, Lyndale Park, and the proposed East Minneapolis Parkway Extension. The Douglas, Rosedale, Lyndale, Margaret Fuller, and Lincoln school grounds were surveyed and maps prepared at the request and expense of the School Board.

Land Acquisition

Surveys were made and plats and descriptions were prepared for the proposed acquisition of the following tracts: Glenwood-Camden Parkway (Forty-third Street route, Forty-fifth Street route, and the tract outside of the city), Columbia Park Addition, Glenwood Park Addition, Sumner Field, Seventh Ward Playground, Division Street Boulevard, Cedar Lake Addition, Hillside Triangle Addition, and for street and alley vacations at several small parks. Considerable assistance was also given to the appraisers and assessors working on these additions in the way of preparing large scale maps, obtaining areas and tracing descriptions.

Property Surveys

Were made to obtain information for recorded plats as follows: Longfellow Field, Sumner Field, Farwell Park, Audubon Park, Glenwood-Camden Parkway, and of Hiawatha, Humboldt, Douglas, Mount Curve, Monroe, Dell, and Virginia Triangles. Boundary lines were also established at the Sumner, Lincoln, Margaret Fuller, Lyndale and Rosedale schools.

Recorded Plats

The preparation of recorded plats of land owned by the Board prior to September 1st, 1911, has been nearly completed. Plats were made in triplicate of 21 new parks or additions to old ones, and two sets of tracings were made of each plat.

Dredging

The dredging work at Lake of the Isles having been completed, a final estimate was made of all material handled by the dredging company during the seasons of 1907, 1908, 1909 and 1910. Levels and check levels were taken over the 80 acres of filled ground, and a large number of test pits were dug to obtain the amount of settlement under the lagoon and road fills. The total fill allowed under the two contracts was 479,877.5 cubic yards.

Extensive levels and soundings were taken on the north and west shores of Lake Calhoun before the dredging operations were commenced, and lines and grades were given as required during the season. Seven estimates were made of material moved under contract No. 1, and four under contract No. 2, the total amounts allowed being, respectively, 216,527 and 38,365 cubic yards.

No estimate has been made of the subsidence under the bathhouse fill and the dyke of the lagoon extension.

Preliminary surveys were also made and plans prepared for the dredging of Cedar Lake.

Soundings

Soundings were taken, as noted above, at Cedar Lake, Lake of the Isles and Lake Calhoun, in order to locate correctly the shore and road lines and to make estimates of material handled. Soundings were taken to determine the depths of water and mud on about 100 acres of Lake Nokomis, the northerly part of Glenwood Lake, and all of Spring Lake and the adjoining marsh.

A large number of borings were also made to determine the nature of the material under the Lake Harriet Pavilion, the Calhoun bathhouse, and the defective wings of Bridge No. 4, prior to driving the pile foundations.

New Roadways

Cross sections and profiles were made, and lines and grades given, for the grading and building of the following clay and gravel roads: King's Highway $\frac{1}{4}$ mile, Dean Boulevard $\frac{1}{4}$ mile, Lake Harriet $\frac{1}{8}$ mile, Lake Street $\frac{1}{2}$ mile, and Lake of the Isles $\frac{7}{8}$ mile, a total of two miles of road being rebuilt during the past season.

Park Grading

Cross sections and plans were made, and lines and grades were given, for the grading of the following parks: Farwell Park, Columbia Park, North Commons, Stevens Square, Jackson Square, Powderhorn Park, Elliot Park, Lake Calhoun, Lake of the Isles and River Road East.

Sewers and Drains

A total of 46 catch basins, 6 manholes, and about 2,500 lineal feet of 8 to 12-inch sewer were placed to take care of road and field drainage at Audubon, Loring and Farwell Parks, Dean Boulevard, East River Parkway, Lake of the Isles, and Lake Calhoun.

Playgrounds

Grades and lines were given for the grading of grounds and placing of apparatus at the various parks as reported by the supervisor.

Walks and Curbs

Lines and grades were given for walks and curbs at Smith, Cedar, Normanna, Humboldt, Hillside, Irving, and Oliver Triangles, King's Highway, Kenwood Park, Park Boulevard, Kenwood Parkway, Loring Park, Lake Harriet and Lake of the Isles. There were placed on park property during the year 3,500 square yards of walk, 6,900 lineal feet of curb, and 3,000 lineal feet of curb and gutter.

Bridges and Buildings

Plans were prepared for the additions to the Camden Baths, and the necessary building lines and grades were given for the placing of the Lake Harriet pavilion and Calhoun bath house foundations, for the building of the lake connection bridges Nos. 1, 3 and 4, and a concrete bridge at Camden Park.

Designs and plans were prepared for the building of the Camden bridge and for rebuilding the defective parts of Bridge No. 4.

During the months of July and August daily readings and observations were taken at Bridge No. 4 to determine the rate and extent of settlement. Drawings were made for the remodeling of the old Lake Calhoun bath house and for the arrangement of the new Lake Harriet waiting station.

Plans, Specifications, and Estimates

were prepared as follows: For the dredging of Cedar Lake and the improvement of Bryant Square, all small triangles, Dean Boulevard and Knox Avenue, and for confining the overflow from Lake Harriet to park property between the lake and West Fifty-first Street. A large amount of time was devoted to the preparation of complete plans and estimates for the entire improvement of the so-called Twenty-ninth Street Boulevard and the proposed Division Street Parkway.

Miscellaneous

Considerable miscellaneous work was done in connection with the inspection of contract work on walks, curbs and bridges, the supervision of grading and other improvement work, the setting of lines and grades for tree planting, street lights and telephone conduits, and the preparation of court maps and the improvement maps of the various parks shown in this annual report.

The area of lands acquired for park purposes during the year is as follows:

| | |
|-------------------------------------|---------------|
| Bryn Mawr Meadows..... | 39.300 acres |
| Cedar Lake, Addition to..... | 3.550 acres |
| Chowen Triangle | .057 acres |
| Columbia Park, Addition to..... | 13.370 acres |
| Crystal Lake Triangle..... | .053 acres |
| Dell Place | .037 acres |
| Douglas Triangle | .070 acres |
| Dorilus Morrison Park..... | 8.490 acres |
| Elmwood Triangle | .020 acres |
| Glenwood Park, Addition to..... | 24.600 acres |
| Glenwood-Camden Parkway | 164.560 acres |
| Hillside Triangle, Addition to..... | .107 acres |
| Laurel Triangle | .010 acres |
| Longfellow Field | 4.220 acres |
| Monroe Place | .048 acres |
| Riverside Park Enlargement..... | 22.500 acres |
| Seventh Ward Playground..... | 2.708 acres |
| Sumner Field | 3.010 acres |
| Washburn Fair Oaks..... | 7.480 acres |
| West End Triangle..... | .132 acres |
| Total | 294.322 acres |

Respectfully submitted,

A. C. GODWARD, Civil Engineer.

THE POLICE FORCE

The police force has been increased by five additional officers for temporary service. Many instances of insufficient service during the year have clearly demonstrated that the force is inadequate to meet its task. The people demand that they themselves and their common property, the parks, be properly protected. Without such protection the very object of the parks, namely, to make them useful, safe and attractive for the people, becomes defeated. The impression, often expressed, that large rural parks and water areas within them need little police supervision, is erroneous. The most flagrant offenses against decency and morality are committed in just such sections, and the very intimation that such districts are lacking the necessary supervision will bring about conditions which it will be hard to abolish later on, and impossible to rectify by any punishment after the offense has been committed. Larger cities have realized this long ago and by providing a sufficient police force have reduced the misuse of parks for immoral purposes to a minimum. The Board has not sufficient funds to employ a permanent force large enough to meet all demands during certain hours of the busy season. I believe, however, that a supernumerary force could be organized to be drawn upon for evening and Sunday service, which would furnish the necessary assistance at a reasonable cost.

The report of Mr. Burton L. Kingsley, Chief of Park Police, is hereto attached.

Minneapolis, Minn., Dec. 16, 1911.

Mr. Theodore Wirth, Superintendent of Parks,

Minneapolis, Minn.

Dear Sir:—

I have the honor to submit the following report of the Park Police Department for the year 1911:

Money turned over to the City Treasurer by the Clerk of the Municipal Court on account of fines imposed—\$949.00.

Number of arrests made during 1911 is 154, classified as follows:

| | |
|---|-----|
| Violation of shade tree ordinance..... | 11 |
| Disorderly conduct | 13 |
| Peddling on park..... | 3 |
| Vagrancy | 4 |
| Running auto without 1911 license..... | 13 |
| Running auto without rear light..... | 16 |
| Driving auto faster than 15 miles per hour..... | 48 |
| Petit larceny | 1 |
| Riding motorcycle on foot walk..... | 2 |
| Intoxication | 17 |
| Gambling | 6 |
| Selling liquor in park..... | 2 |
| Fugitive from justice..... | 1 |
| Found in park 12 p. m. to 5 a. m..... | 1 |
| Carrying liquor in park..... | 5 |
| Discharging firearms on park property..... | 2 |
| Running auto truck on parkway..... | 1 |
| Running motorcycle with muffler open..... | 1 |
| Total | 154 |

The force in 1910 numbered 15 regular men and 6 men for temporary duty. In 1911 we had 15 regular men and 11 for temporary duty, showing an increase during the year of only five men for temporary duty and no increase in the regular force. The tree warden was transferred to our department this year by order of the Superintendent, and this gave one man extra for Sunday detail.

The police appropriation for 1911 was \$17,500.00 for salaries. The old Thor motorcycles were sold early in the year for \$136.00. Four Flying Merkel motorcycles were purchased for the sum of \$1,080.81 complete with headlights, warning signals, speedometers, etc. These machines have proven very satisfactory and allowed the department to respond promptly to many hurry calls, besides giving regular patrol service on the boulevards.

The motor squad, consisting of four men, has traveled nearly 50,000 miles this season on their patrol duty. In addition to their regular work, they have been assigned at the close of each month to collect the time from the different foremen and park keepers in order to facilitate the work of the office force. Motorcycles are of great benefit in police work as far as hurry calls are concerned, but I am still in favor of horse men for boulevard work and for Glenwood Park. During rainy weather and the winter months a motorcycle is useless; the beats being long the officer is put to disadvantage when he has to patrol his territory on foot. I earnestly recommend this change.

The force is inadequate and we should have a decided increase in the number of patrolmen. The park system is extensive and the policing of the 3,600 acres of property is a serious problem. In parks where thousands of people congregate at one time we should have enough officers to handle these large crowds efficiently. The public appreciates good police service and there is nothing that looks more ludicrous to a large assemblage of people than to see one or two officers trying to handle hundreds of people and failing in their work simply through lack of sufficient help. It is quite important that we should begin at this time to police the larger parks and boulevards during the entire night. The lake district, especially, should be given this attention. With the large number of boats of all descriptions on the lakes the people are demanding all night police service, and it is worthy of careful consideration.

The department has recovered 20 canoes and 12 rowboats that were stolen during the year, besides innumerable articles such as cushions, rugs, paddles, backs, electric lights, and parts from sail and motor boats. A large percentage of this thievery could have been prevented if we had had all night police service in these districts. In order to recover some of this property we had to take officers from their beats and use them for a number of days as plain clothes men. This has been a handicap to our regular work. We should have a regular detail of four men in plain clothes available at all times, and their work would be well worth the expense.

The discipline of the force during the past year, generally speaking, has been very good. It has been necessary, on several occasions, to issue reprimands, and several officers have resigned as the result of being found inattentive to duty. The following have left the force for the above reasons, viz.: F. A. Albrecht, W. H. Templin, Victor Johnson, George Kelley, and Joseph Wachtler. Officers J. D. Jones and Joel Swenson resigned early in the year to go into business. Officers F. J. Schroeder, C. D. Davidson and Joseph O'Reilly were transferred in November to the City Police Department, having received appointments thereto. The appointment of these men to the city force is a very good recommendation as to the training they have received in this department.

The prevention of violation of the ordinances is our first aim rather than to make arrests. It is the plain duty of our men to be peace officers, and this I try to instill into their minds. I am giving one-half of the department instruction in the school of the soldier as laid down in the United States Army regulations, and as soon as they become proficient the other half will be taken in hand and taught the same. This is done in order to give the department a good military appearance and deportment at all times.

For the proper patrolling of the lakes, now connected, a patrol boat is desired.

It becomes necessary at this time to establish a new police district to be in charge of a sergeant. This district should embrace Lake Calhoun, Lake of the Isles, Cedar Lake, Kenwood Parkway and The Parade. The sergeant should be mounted in order to give the best service. The new bathhouse at Lake Calhoun will demand at least three additional officers.

Playgrounds, especially, must be policed and every new playground established will call for additional men.

I submit the following table regarding the number of men needed for efficient service:

| Park. | 12 mos. | 8 mos. | 6 mos. | 5 mos. | 4 mos. | Total |
|-----------------------|--------------|--------------|--------|--------|--------|-------|
| Minnehaha | 1 Sergt. . . | .. | .. | 1 | 3 | 5 |
| Harriet | 1 Sergt. . . | .. | .. | 2 | .. | 3 |
| Powderhorn | 1 | .. | .. | 1 | .. | 2 |
| Calhoun | 1 | 1 Sergt. . . | .. | 1 | .. | 8 |
| Calhoun Baths | .. | .. | .. | .. | 3 | |
| Lake of Isles | .. | .. | .. | 1 | .. | |
| Cedar Lake | .. | .. | .. | .. | .. | |
| Kenwood Parkway .. | 1 | .. | .. | .. | .. | |
| The Parade | .. | .. | .. | .. | .. | 1 |
| North Commons | 1 | .. | .. | .. | .. | 1 |
| Farview | 1 | .. | .. | .. | .. | 1 |
| Camden | 1 | .. | .. | .. | .. | 1 |
| Loring | 1 | .. | .. | 1 | .. | 2 |
| Nokomis and | } 1 | .. | .. | .. | .. | 1 |
| Minnehaha Parkway. | | .. | .. | .. | .. | 1 |
| Jackson and Windom. | | .. | .. | .. | .. | 1 |
| Logan | | .. | .. | .. | .. | 1 |
| Van Cleve | 1 | .. | .. | .. | .. | 1 |
| St. Anthony and | } 1 | .. | .. | .. | .. | 1 |
| West riverside | | .. | .. | .. | .. | 1 |
| Riverside and | | .. | .. | .. | .. | 1 |
| Elliot | .. | 1 | .. | .. | .. | 1 |
| Glenwood | 1 | .. | .. | .. | .. | 1 |
| Plain clothes | .. | 2 | .. | .. | .. | 2 |
| Totals | 15 | 3 | 1 | 7 | 6 | 32 |

I believe slight changes in the present uniform would be advisable. A frock coat for spring and fall wear is necessary, and the uniform blouse and overcoat should have a suitable brass button in place of the black bone button now in use.

A signal service of some kind should be installed in the near future in order to keep in closer touch with officers at all times.

The set of rules and regulations prepared last winter is still in the hands of the committee and should be brought out and set in force at once. It is a serious handicap to me in handling the department in not having a fixed set of rules with which to be governed. The Chief of Park Police should have the power to suspend an officer for cause without pay, otherwise the suspension becomes a mere farce.

I wish to thank my superior officers for the hearty support they have given me and the Park Police Department during the past year. I am grateful to the officers for their attention to duty and the cheerful way in which they have performed their tasks. The City Police Department has co-operated with us on all occasions and has rendered valuable aid, for which I am deeply grateful.

Respectfully submitted,

BURTON L. KINGSLEY, Chief of Park Police.

THE REFECTORIES

Under adverse conditions at the beginning and at the end of the season, the refectories have given very satisfactory service and results. It can be said that the service has been increased in efficiency, partly through betterment of equipment and desirable changes in the arrangement of the buildings, and to a great extent through able and economical management and the employment of a good class of help. That the service given under the management of the Board is better than that given by lessees, I believe no one will deny. That the financial returns to the Board are also better than those obtained under the leasing out of those concessions is an additional gratification, but the greatest satisfaction must be found in the fact that the public is given clean and reliable goods at a reasonable price, and that the revenues secured by the Board through this service are again used for the benefit of the public in place of disappearing in the coffers of speculating lessees.

The attached report of Mr. C. O. Johnson, Manager of the Refectories, gives a detailed account of the transactions of his department.

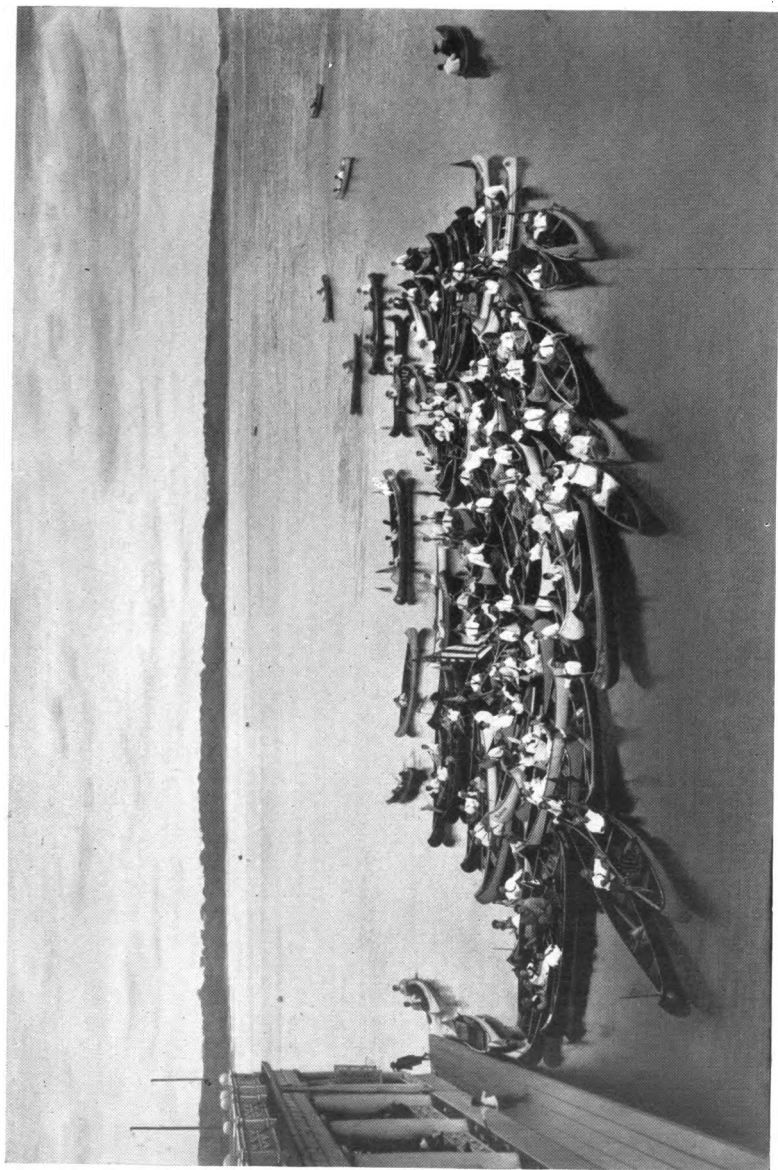
Minneapolis, Minn., Dec. 1, 1911.

Theodore Wirth, Superintendent of Parks,
Minneapolis, Minn.

Dear Sir:—

I herewith respectfully submit my annual report together with the financial statements of park refectories for the season of 1911, which show a net profit of \$8,801.38, a net gain of \$3,889.10 over 1910. Taking into consideration the unfavorable weather conditions during July, August and September for this line of business, the results are satisfactory.

New equipment, consisting of a weighing machine, peanut vending machines, gum cases, corn poppers, etc., was purchased at a cost of \$500.68. Alterations and repairs were made at Lake Harriet cost-



Lake Harriet Canoe Club

ing \$1,353.49, and at Minnehaha Falls, \$221.72, which improved the service greatly. The above amounts were all paid from the receipts.

Anticipation of large crowds during Civic Celebration week caused the employment of a large amount of extra help, which was required for one day only, July 4th.

Skating rink refreshment stands were operated at Powderhorn, Loring, Lake of the Isles, Jackson, North Commons and Camden, and gave general satisfaction to the patrons thereof. These stands are again in operation, and while no profits are expected from them I believe that they are fully justifiable as a public accommodation, as we furnish only the best lines of confectionery, cigars, soft drinks, etc., at reasonable and popular prices.

RECOMMENDATIONS

Continue to give band concerts at Minnehaha Falls every Sunday afternoon during concert season.

Increased accommodations for the storage of ice for use at both Lake Harriet and Minnehaha.

A drain pipe should be provided to care for the rain water, etc., in rear of kitchen at Minnehaha.

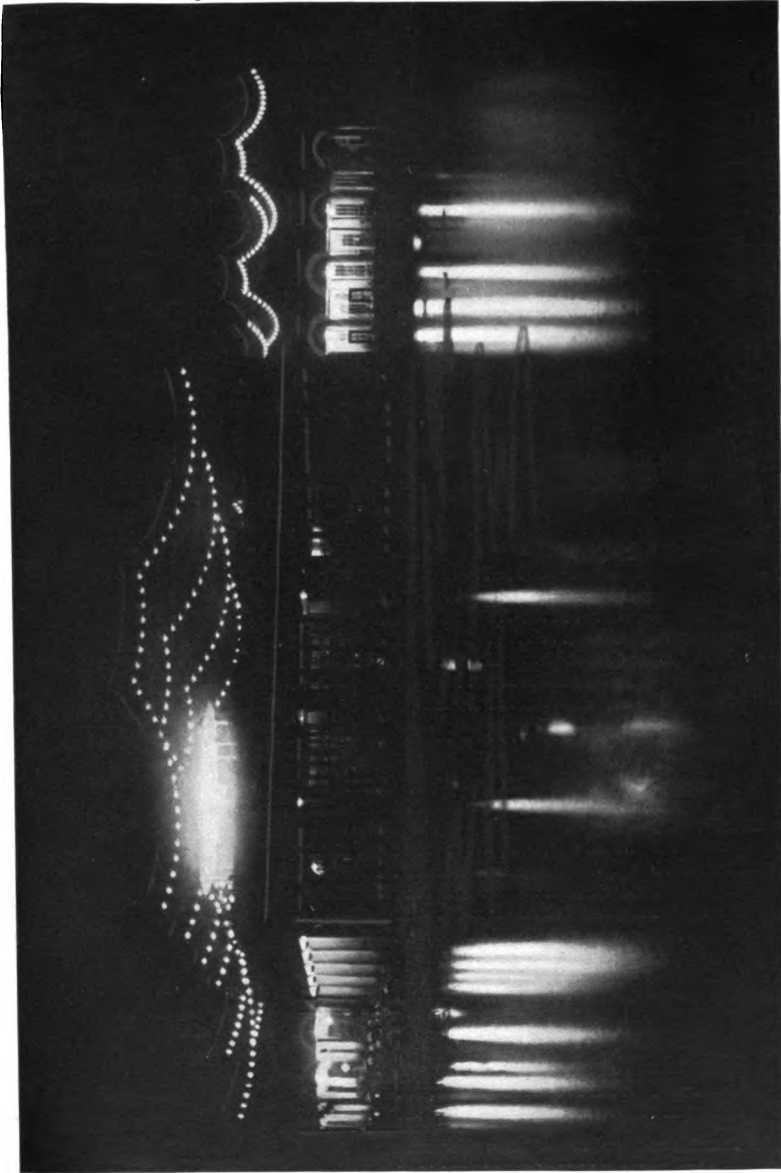
Purchase of an additional corn popper at both Harriet and Minnehaha to care properly for the increasing business at rush hours.

The present system of handling ice cream, iced pop, etc., at Minnehaha Falls, from the basement up through the kitchen into the soda fountain, is unsatisfactory and makes it almost impossible to keep the kitchen floors clean. It also causes more or less friction between the employes of the kitchen and soda departments. I therefore recommend that a stairway be constructed leading directly up to the soda fountain.

Notwithstanding the increase in soda fountain counter space made at Lake Harriet the past season, it is not large enough to care for the business at rush hours. There is a small space available under each stairway, and I recommend that small counters be built there at which pop, ice cream cones, etc., may be served.

Again I wish to renew my former recommendation regarding the erection of a suitable refreshment stand at Lake Harriet to accommodate the public in the spring months before the opening of the pavilion, and to permit the closing of the pavilion shortly after the band concert season. This will also accommodate a large number of canoe and boating parties after closing hours (11 p. m.) during the concert season.

This department is in great need of a building or storeroom suitable for the proper storage and care of gums, candies, etc., which



Lake Harriet Pavilion and Roof Garden at Night

may be purchased in case lots at considerable saving and distributed as needed; in fact we are handicapped for want of storage facilities for nearly all kinds of supplies at the pavilion. My recommendation would be for a building about 30x40 feet with a full basement, erected at Forty-second Street and the Street Railway landing platform. The basement would make a suitable storeroom for supplies of pop, mineral waters, soda fountain syrups, crushed fruits, etc., both summer and winter. The ground floor arrangement and equipment should first provide for the public comfort, and then furnish the department with sufficient space for storage of surplus supplies, which cannot, for various reasons, be placed in a basement room. I am satisfied that such a stand will be more than self-sustaining, will save considerable expense in operating the pavilion, will furnish a convenient place for disposing of the surplus stock of merchandise left over at the close of the concert season, and will give us a much needed addition to the Lake Harriet Refectory.

MEALS SERVED EMPLOYEES—SEASON OF 1911

| Department. | MINNEHAHA | | LAKE HARRIET | |
|-----------------|---------------|---------------------|---------------|---------------------|
| | No. of meals. | Amount at 15c each. | No. of meals. | Amount at 15c each. |
| Soda | 1,929 | \$289.35 | 3,572 | \$535.80 |
| Cigars | 183 | 27.45 | 183 | 27.45 |
| Candy | 191 | 28.65 | 201 | 30.15 |
| Souvenirs | 151 | 22.65 | 129 | 19.35 |
| Cafe | 2,110 | 316.50 | 1,429 | 214.35 |
| Lunch | 240 | 36.00 | .... | ..... |
| General | 971 | 145.65 | 959 | 143.85 |
| Totals | 5,775 | \$866.25 | 6,473 | \$970.95 |

LAKE HARRIET REFECTORY

Itemized Statement of Receipts and Expenditures

RECEIPTS

| | | |
|--|------------|-------------|
| Cafe | \$2,208.67 | |
| Soda, ice cream, popcorn, etc.... | 18,157.79 | |
| Cigars | 2,554.30 | |
| Candy | 2,571.14 | |
| Souvenirs | 352.15 | |
| Check room | 31.70 | |
| Telephone booths, weighing machines, etc. | 129.11 | |
| Total receipts | | \$26,004.86 |
| Merchandise as listed below on hand at close of season as per inventory of September 20th. | | |
| Cigars | \$9.72 | |
| Soda | 199.35 | |
| Total cost value of merchandise on hand | | 209.07 |
| Total | | \$26,213.93 |

EXPENDITURES**MERCHANDISE AND LABOR**

| | | |
|-----------------------------------|------------|-------------|
| Cafe | \$1,911.77 | |
| Soda, ice cream, popcorn, etc.... | 10,366.50 | |
| Cigars | 1,702.83 | |
| Candy | 1,305.91 | |
| Souvenirs | 255.94 | \$15,542.95 |

GENERAL EXPENSE ITEMS

| | | |
|---|----------|----------|
| Fuel | \$119.61 | |
| Light | 122.20 | |
| Ice and water..... | 152.20 | |
| Laundry | 353.40 | |
| Printing, etc..... | 72.25 | |
| Replacing wornout and broken equipment | 274.01 | |
| Sundry expense items..... | 710.73 | |
| Alterations, repairs, etc..... | 1,369.94 | |
| Labor, janitor, watchman, etc.... | 1,354.50 | |
| Salaries: General and local man- ager and clerk..... | 1,256.67 | 5,785.51 |

NEW EQUIPMENT

| | | |
|--|--------|------------|
| Weighing and match machines, gum case, cooler, scale, pails, etc. | 160.48 | 160.48 |
| Total expenditure | | 21,488.94 |
| | | \$4,724.99 |
| Less inventory of Sept. 19, 1910 | | 469.39 |
| Net profit | | \$4,255.60 |

MINNEHAHA REFECTORY**Itemized Statement of Receipts and Expenditures****RECEIPTS**

| | | |
|---|------------|-------------|
| Cafe, picnic supplies and lunch counter | \$5,464.11 | |
| Soda, ice cream, popcorn, etc.... | 11,767.75 | |
| Cigars | 1,456.50 | |
| Candy | 1,169.45 | |
| Souvenirs | 884.85 | |
| Check room | 76.60 | |
| Telephone booths, weighing ma- chines, etc. | 165.05 | |
| Refund on account of electric light installation, expense 1910 | 721.35 | |
| Total receipts | | \$21,705.66 |
| Merchandise as listed below on hand at close of season, as per inventory of October 12th. | | |
| Soda | \$415.96 | |
| Candy | 53.80 | |
| Souvenirs | 31.87 | |
| Cafe | 21.04 | |
| Cigars | 174.10 | |
| Total cost value of merchandise on hand | | 696.77 |
| Total | | \$22,402.43 |

EXPENDITURES**MERCHANDISE AND LABOR**

| | | |
|---|------------|-----------|
| Cafe, lunch counter and picnic supplies | \$3,711.62 | |
| Soda | 6,824.64 | |
| Cigars | 848.84 | |
| Candy | 769.94 | |
| Souvenirs | 530.91 | 12,685.95 |

GENERAL EXPENSE ITEMS

| | | |
|---|----------|----------|
| Fuel | \$112.17 | |
| Light | 129.90 | |
| Ice and water..... | 112.90 | |
| Laundry | 402.40 | |
| Printing | 91.50 | |
| Replacing wornout and broken equipment | 171.57 | |
| Sundry expense items..... | 556.64 | |
| Alterations, repairs, etc..... | 221.72 | |
| Labor: Janitor, watchman, etc.. | 780.53 | |
| Salaries: General and local managers and clerk..... | 1,468.97 | 4,048.30 |

NEW EQUIPMENT

| | | |
|--|----------|-------------|
| Weighing machines, corn poppers, etc. | \$256.50 | \$256.50 |
| Total expenditure | | \$16,990.75 |
| | | \$5,411.68 |
| Less inventory of Oct. 1, 1910 | | 634.55 |
| Net profit | | \$4,777.13 |

GENERAL STATEMENT OF REFRESHMENT STANDS**RECEIPTS**

| | | |
|--|----------|------------|
| Camden refreshment stand..... | \$847.31 | |
| Jackson refreshment stand..... | 87.75 | |
| Lake of the Isles refreshment stand..... | 232.40 | |
| Loring refreshment stand..... | 476.60 | |
| North Commons refreshment stand..... | 100.60 | |
| Powderhorn refreshment stand..... | 419.85 | \$2,164.51 |
| Merchandise on hand Dec. 31, 1911..... | | 193.13 |
| | | \$2,357.64 |

EXPENDITURES

| | | |
|--|----------|------------|
| Camden refreshment stand..... | \$861.19 | |
| Jackson Square refreshment stand..... | 198.09 | |
| Lake of the Isles refreshment stand..... | 314.83 | |
| Loring Park refreshment stand..... | 462.80 | |
| North Commons refreshment stand..... | 226.03 | |
| Powderhorn refreshment stand..... | 442.35 | \$2,505.29 |
| Equipment: Corn poppers..... | | 83.70 |
| | | \$2,588.99 |
| Loss (including equipment)..... | | 231.35 |
| | | \$2,357.64 |

CONDENSED GENERAL STATEMENT OF REFECTORIES AND REFRESHMENT STANDS

RECEIPTS

| | | |
|--|-------------|-------------|
| Lake Harriet refectory | \$26,004.86 | |
| Minnehaha refectory | 21,705.66 | |
| Refreshment stands | 2,164.51 | |
| Total receipts | \$49,875.03 | |
| Merchandise on hand at close of season 1911 | 1,098.97 | \$50,974.00 |

EXPENDITURES

| | | |
|--|-------------|------------|
| Lake Harriet refectory | \$21,328.46 | |
| Minnehaha refectory | 16,734.25 | |
| Refreshment stands | 2,505.29 | |
| New equipment | 500.68 | |
| Total expenditures | \$41,068.68 | |
| Merchandise on hand at close of season 1910 | 1,103.94 | 42,172.62 |
| Net profit | | \$8,801.38 |

NOTE.—Receipts from refreshment stands of \$118.25 in 1910 were deposited with city treasurer in January, 1911, which accounts for the differences between secretary's statement of 1911 receipts and figures given above.

Respectfully submitted,

CHAS. O. JOHNSON, Manager of Refectories.

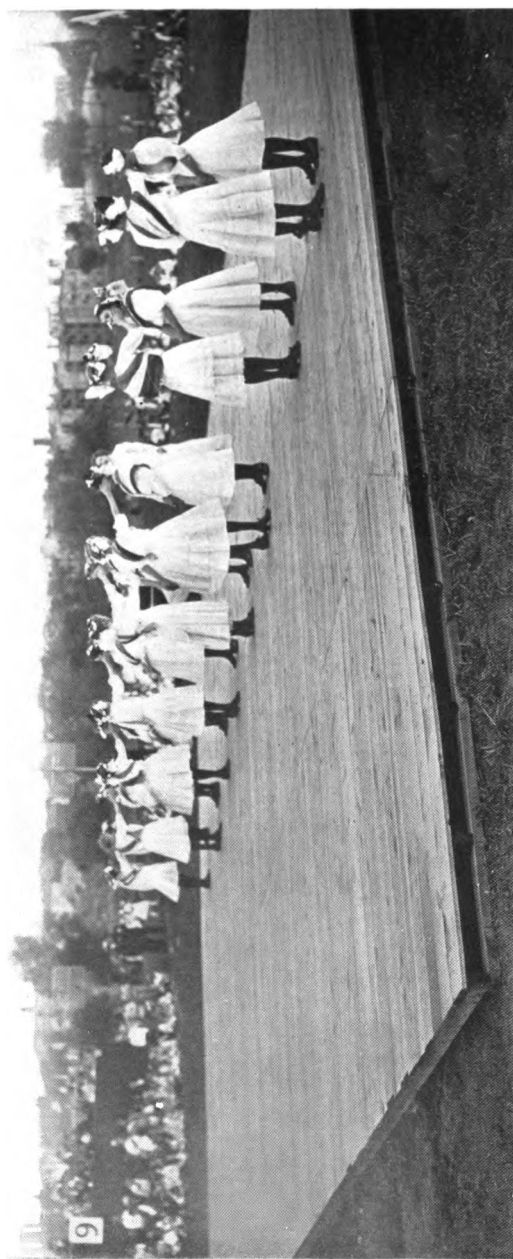
THE CONCERT SEASON

The Park Orchestra Band under the efficient leadership of Mr. Wm. Warvelle Nelson, gave 81 concerts, divided among the parks as follows: Lake Harriet 51, Minnehaha Park 13, Farview Park 2, Camden Park 2, North Commons 2, Logan Park 2, Windom Park 2, Van Cleve Park 2, Riverside Park 2, Powderhorn Park 2, Tower Hill 1.

The concerts were well attended during good weather.



West Shore of Lake Harriet Showing Canoe Docks and Pavilion



Playground Festival at the Parade.

Suggestions, Recommendations and Comments

MINNEHAHA PARKWAY AND CREEK

One of the most enjoyable of our many drives is Minnehaha Parkway, and as it is the connecting link between the two most popular and frequented parks, Lake Harriet and Minnehaha, it is used more than any other parkway of the system. That the roadway is too narrow for the class and amount of traffic to be accommodated is realized, and it should be changed, but there are other equally important improvements necessary which should be considered at this time. I have prepared plans which I herewith present for your consideration, and through which I wish to call your attention to desirable changes in the location of the roadways and walks, necessary corrections of the course of the creek, and very essential acquisitions of bordering wooded banks which are the attractive feature of the parkway. The plans are divided into seven separate sheets and I shall present them in consecutive order.

Sheet No. 1. Section between Lake Harriet and Lyndale Avenue. The original intention was to have a driveway on both sides of the creek and this plan is adhered to. The north roadway can be widened by moving the walk on the south side towards the creek. East of the junction of the two creeks it would be desirable to bring the walk along the foot of the bank in order to gain the picturesque scenery of this small valley. A similar walk arrangement can be laid out on the south side of the creek. The south roadway need not be more than 24 feet in width, as it is not expected that it will be used as much as the other. The Lake Harriet creek is shown diverted from its present course to a new one between the roadways, joining Minnehaha Creek just east of the bridge on Humboldt Avenue. The course of the creek is shortened between this junction and Lyndale Avenue in one or two places, but not so as to interfere in the least with its natural appearance.

Sheet No. 2. Lyndale Avenue to Nicollet Avenue. This section of the parkway has some undesirable features which can be overcome easily. They are—first, the proximity of private property to the roadway, with the pending buildings encroaching on the scenery; and

second, the steep grades of the roadway over the hill alongside the Washburn Home property. It is very much to be regretted that the Board was not able to acquire additional lands along this side, as was suggested in years gone by. The plan shows a new location for the roadway from the small dam east towards Nicollet Avenue. Crossing the creek over a new bridge near the present dam, the new driveway winds its way in pleasing curves and over easy grades through the middle of the valley and through a very picturesque landscape, having the creek on its north side. Just west of the Nicollet Avenue bridge the roadway hugs the bottom of the steep wooded bank, and then passes under the bridge on a long easy curve. The roadway is here divided into two sections with an island of safety between them, separating the traffic in opposite directions and making this turn safer. A different arrangement of walks is shown on both sides of the creek, the intention being to lead the pedestrian through the most attractive parts of the parkway. The course of the creek is changed in a number of places, but I have taken special care that the present very picturesque sections of this winding stream be not impaired. The proposed course of the creek is shown in solid water lines, while the sections of the creek which are to be abandoned are shown by dotted shore lines. A glance at the map will show that the natural appearance of the creek will not be destroyed by these changes. A petition presented to the Board for a boundary driveway along the south side of the parkway between Lyndale and Nicollet Avenues has been considered, and such a drive is indicated on the plan. It would seem to me that the property owners who would be benefited by said drive should be willing to donate half of the needed land. This south roadway would connect with the main parkway at a point about 800 feet west of Nicollet Avenue. A connecting roadway from the south end of Nicollet Avenue bridge to the main parkway east of the bridge is also shown. Both of those roads might be desirable, affording easy connections between the parkway and the country roads south of this point. The present roadways and walks are shown in dotted lines, while the proposed new layouts are in solid lines. The new main driveway is 30 feet wide, which is as narrow as it can be to do justice to the traffic. Some of the present roadways must be retained as service roads for the adjoining properties, and they may also serve as the road preferred for horse drawn vehicles. The automobilists will undoubtedly prefer the main drive, and perhaps they should be restricted thereto. By replacing the present dam near the Washburn Home pump-house with a new one located about 200 feet farther east at the foot of the bank, a little pond could be created there, which, in connection with the proposed bridge at that point, would make a very attractive feature.

Sheet No. 3. Nicollet Avenue to Portland Avenue. The new roadway continues on the south side of the creek rather close to the southern boundary line. The present bridge west of Portland Avenue can be abandoned. The course of the creek is again changed at this point and the new roadway intersects the old road, which is widened to 30 feet. West of Third Avenue South the present roadway is abandoned and Fourth Avenue is made use of as a boundary drive to Fiftieth Street East. From here on, as per the agreement made in the deed when that property was acquired, a 20 foot park road is provided to Portland Avenue. The grades of the new roadway are much easier than those of the old road, and the scenic advantages gained are great.

Sheet No. 4. Portland Avenue to Twelfth Avenue. The short curve at the foot of the steep hill, beyond the bridge east of Portland Avenue, has always been a dangerous feature. The view obtained over the open country to the south from the hill between Portland Avenue and Chicago Avenue is very attractive, however, and well worth the climb necessary. The new roadway shown on the plan abandons the sharp curve and follows a true easterly direction from Portland Avenue, intercepting the present roadway about 150 feet west of the summit of the hill. This change does away with that undesirable curve without increasing the grade, which is about 6 per cent. The driveway then follows the old layout which is widened. Chicago Avenue must be straightened to conform to the location of the new concrete bridge built two years ago. A walk is provided between the roadway and the creek, the course of the latter being corrected and shortened in several places. The width of the parkway strip between Portland and Cedar Avenues is entirely too narrow, the southern boundary line being at the foot of the finely wooded banks. These slopes should be owned by the Board so they may be preserved forever in their natural beauty. In my first annual report of 1906 I recommended that the Board acquire those banks, and I have outlined on these plans to where, in my opinion, this boundary line should be extended. This land, on account of its topographical formation, is of little value to the present owners, while it is a necessity to the parkway for the reasons already stated.

Sheet No. 5. Twelfth Avenue to Cedar Avenue. After passing Twelfth Avenue the proposed new roadway swings to the right towards the wooded banks on the south side, crossing the creek over a new bridge and following the foot of the banks close to the present south boundary lines to Cedar Avenue. This change of route is especially desirable as it affords more natural beauty than the present drive and provides a wide planting strip to the north, which can be utilized to screen undesirable features that will appear as soon as the platted sections along the old roadway is invaded by buildings.

The present roadway can be retained, like other sections, for a service road. The walks are so arranged as to open to the view of the pedestrians the same attractive features that are enjoyed by the driving public. A condition in the deed by which the land just west of Cedar Avenue was acquired stipulates that the course of the creek shall be changed so as to be confined within the boundaries of the parkway. To carry out this provision would necessitate building a new bridge on Cedar Avenue. This change would also be undesirable because of the parkway being only 200 feet wide at that point. As the Board now owns the land east of Cedar Avenue and south of the parkway, it will be much better, and more likely less expensive, to acquire some of the low land south of the present line, change the creek slightly, and make use of the present bridge. The total area recommended as desired, shown on the plan between Portland Avenue and Cedar Avenue, is about 27 acres.

Sheet No. 6. Cedar Avenue to Thirty-third Avenue. From Cedar Avenue to Thirty-second Avenue South the new layout shows the roadway in the center of the parkway strip and a walk on the south side following the line of the old bicycle path. The old creek bed and bridge near Twenty-first Avenue are abandoned on account of the proposed directing of the creek through Lake Nokomis. The new location of the stream, forming the outlet from the lake, is shown directly east of Thirty-second Avenue, and from here on it would follow the corrected course as outlined in last year's report in connection with the plans for the improvement of Lake Nokomis. The roadway, after bridging the creek, divides into two parallel drives, each being 24 feet wide and 16 feet distant from the property lines, thus leaving ample room for sidewalk and planting spaces.

Sheet No. 7. Thirty-third Avenue to Minnehaha Avenue. The same arrangement is continued to the next and last crossings of the creek at Thirty-ninth Avenue, making this double drive exactly one mile long. This leaves a center space of 120 feet in width. An old roadway through this strip suggests a bridle path. The center space from Thirty-fourth Avenue to Thirty-ninth Avenue is well wooded, and it is suggested that the part lying west of Thirty-fourth Avenue be planted to produce a similar pleasing effect. This will, of course, be of great benefit to the adjoining private property, and eventually should result in building up a good residence district. The center strip, if treated as suggested, will be a pleasing feature, preserving for the narrow parkway, to a certain extent, its characteristic and natural aspect, although closed in on both sides by residential districts. Between the creek and Minnehaha Avenue the present roadway will be used, and walks are shown on both sides of the roadway.

In my last annual report I presented a preliminary plan for the utilization of Lake Nokomis as a main reservoir for the storage of water for Minnehaha Falls. A smaller basin for the same purpose, but nearer, would be of additional benefit, and the low land between the last boulevard bridge and the Hiawatha Avenue bridge could be used for this purpose. The plan shows a dam just east of Hiawatha Avenue bridge with the overflow fixed at elevation 95, or seven feet above the crest of the falls, which are only 700 feet distant. This would form a small lake bordered by high, finely wooded banks on the west and the groves of the Longfellow Gardens on the east, and would be a very attractive feature. The area of the little lake would be about 4.5 acres, and at an average depth of 5 feet, it would hold enough water to furnish a normal flow of the falls for about 1½ hours. This basin would accumulate all the water of the creek and make it possible to supply the falls for short periods. With a set of gate valves in the dam the supply over the falls could be controlled easily, saving the water at night for use during the day. This will be necessary only during long and extreme dry spells, when such an arrangement would be very useful.

The changes herein suggested will involve a large expenditure, and it may not be possible to carry out the plans, if adopted, for many years to come. However, I think it wise to prepare such a plan and present it for your consideration. The old wooden bridges should be removed and new ones built of concrete or stone, and when this is done the location of the new structures must be determined in advance.

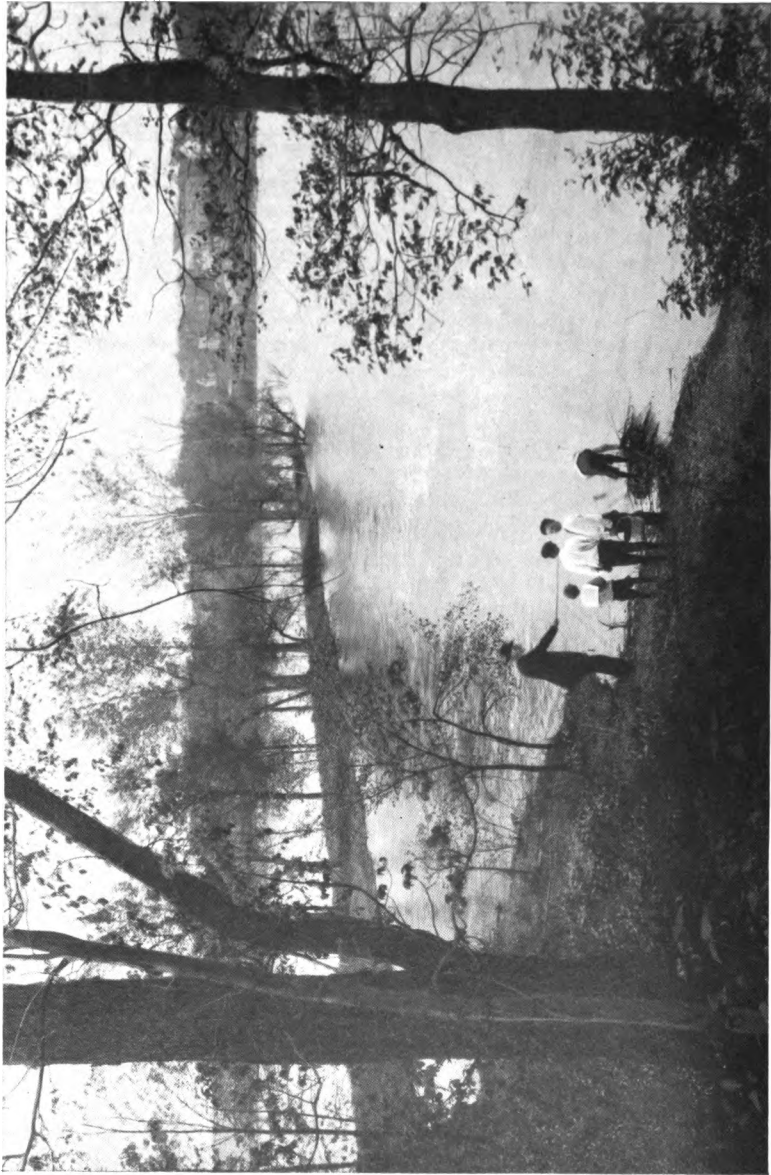
The change of the creek's course is also of great importance because at times of floods the present roadways are endangered. The shortening of the course would result in the quicker passage of the water.

No final estimates have been prepared of the entire cost of the improvements, but the following figures will explain the scope of the plans herein discussed:

| | |
|--|------------|
| Present mileage of roadways..... | 5.78 miles |
| Proposed mileage of main roadways | 6.29 miles |
| Proposed mileage of service roadways | 3.19 miles |
| Present park walks | 4.32 miles |
| Present sidewalks | .70 miles |
| Proposed new park walks | 4.70 miles |
| Proposed new sidewalks | 3.41 miles |
| Total of park walks on plan..... | 8.00 miles |
| Present number of road bridges..... | 4 |
| Proposed number of road bridges..... | 7 |
| Proposed number of foot bridges..... | 6 |

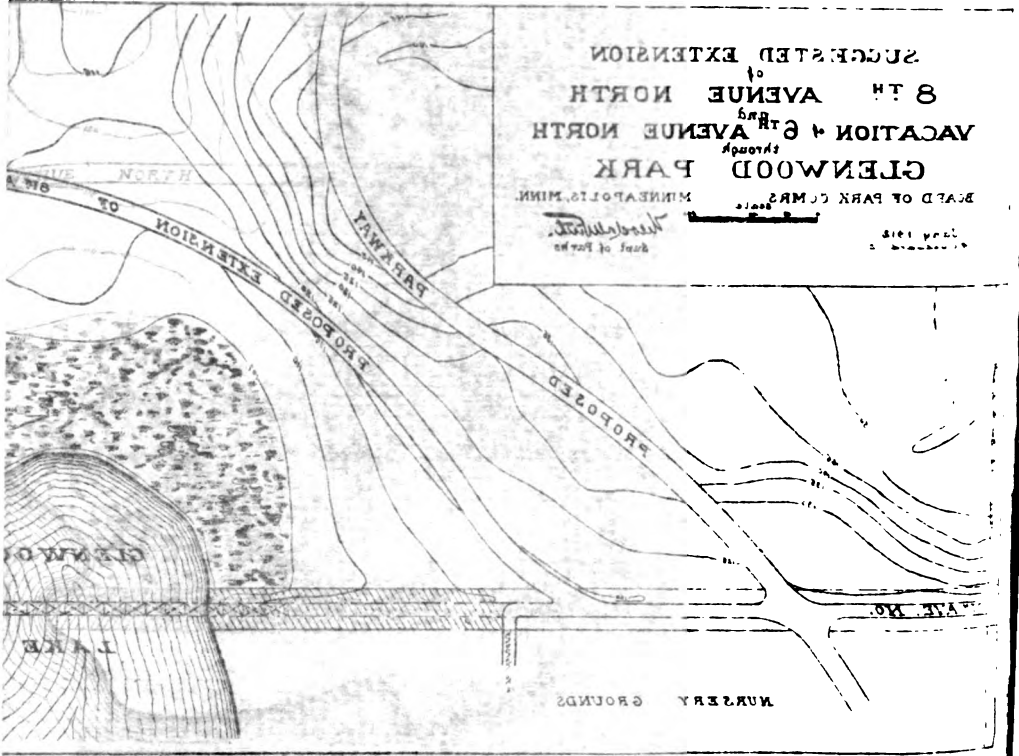
**MINNEHAHA PARK. Minnehaha Avenue and Forty-ninth Street.
142.04 acres.**

The execution of the plans for the rearrangement of the paths and the adjustment of grades to meet the requirements of the car tracks along Minnehaha Avenue are very desirable, and I hope that an appropriation can be made for those long deferred improvements.



Cedar Lake as Seen from Burnham Wood





CEDAR LAKE BOULEVARD. Along south and west shore of Cedar Lake, 12.87 acres.

This work calls for about 200,000 cubic yards of filling to be secured by dredging from the lake. The dredging work was advertised and two bids were received, one from the La Crosse Dredging Company at 18c per cubic yard and one from Mr. J. Albrecht of Glencoe, Minn., at 12½c per cubic yard. The contract has been awarded to Mr. Albrecht, who is to begin operations as early in the spring as conditions will permit.

The necessary steps should be taken at once to secure an appropriate bridge over the Great Northern railroad tracks at the north shore of the lake. The present structure is absolutely unfit for use as a park boulevard bridge and is very dangerous. Plans for the proper location of a new bridge will be prepared in the near future, but negotiations with the railroad company should be entered into now so that it can be built by them not later than 1913.

After passing over these tracks the old Cedar Lake Road will have to be used for a distance of about 1,100 feet. For the widening and grading of this road it seems that an appropriation should be secured from the city and county Good Roads Fund. It should be possible to complete this boulevard the coming season, with the exception of the crossings over the railroads. Negotiations should also be entered into with the Minneapolis & St. Louis Railway Company for a bridge over their tracks on the south shore of the lake for the connection with Dean Boulevard, and for the bridge across the proposed canal between Cedar Lake and Lake of the Isles.

GLENWOOD PARK. From Great Northern tracks at Cedar Lake to Great Northern tracks at 19th Avenue North, 584.60 acres.

The plan for the continuation of the boulevard between Sixth Avenue North and Nineteenth Avenue was described in last year's report. Three bridges will be necessary—one over the new electric short line railroad, one across the creek, and one over the Great Northern tracks near Nineteenth Avenue. Plans for the first two bridges have been commenced, but not completed. The railroad companies should be informed of the intention of the Board to construct this boulevard, and of the necessity for those bridges.

The low Sixth Avenue wooden bridge across Glenwood Lake is a very unsightly feature in this otherwise very attractive landscape. I herein submit a plan for the extension of Eighth Avenue through the park, intersecting Sixth Avenue opposite the nursery grounds. If this could be done, Sixth Avenue, between Xerxes Avenue which is the city limits, and the above mentioned point of intersection with

Sixth Avenue could be vacated and the bridge removed. The route indicated for the extension of Eighth Avenue is over high ground with the exception of a section directly west of the railroad right of way. A concrete trestle bridge on pile foundations would be the best and most economical form of construction across this swamp. I am told that such a change will be satisfactory to the people now entering the city by way of Sixth Avenue, and that they would prefer Eighth Avenue to Sixth Avenue, within the city limits, on account of the car tracks on the latter. I believe that this change is well worth considering from both a park and traffic point of view. The main expense of this improvement should be borne by the city and county.

I wish to repeat my recommendation, made some years ago, to establish sheep husbandry on this, our largest park. Sheep will keep down the weeds and greatly improve the turf of the open meadows and hillsides. They will be an attractive feature of the park, and through the production of wool, lamb and mutton will become nearly self-sustaining in a short time.

Some effort should be made by the Board to get the Western Avenue car line extended to the park. Increased bathing facilities and the many other attractions of the park justify such a demand, and the people are entitled to better access to the park.

CAMDEN PARK. Washington, Lyndale and Forty-fourth Avenues North, 20.5 acres.

An appropriation similar to last year's would permit the continuation of the improvements along the lines being followed. This park is so popular and so much visited that it deserves special attention and rapid development.

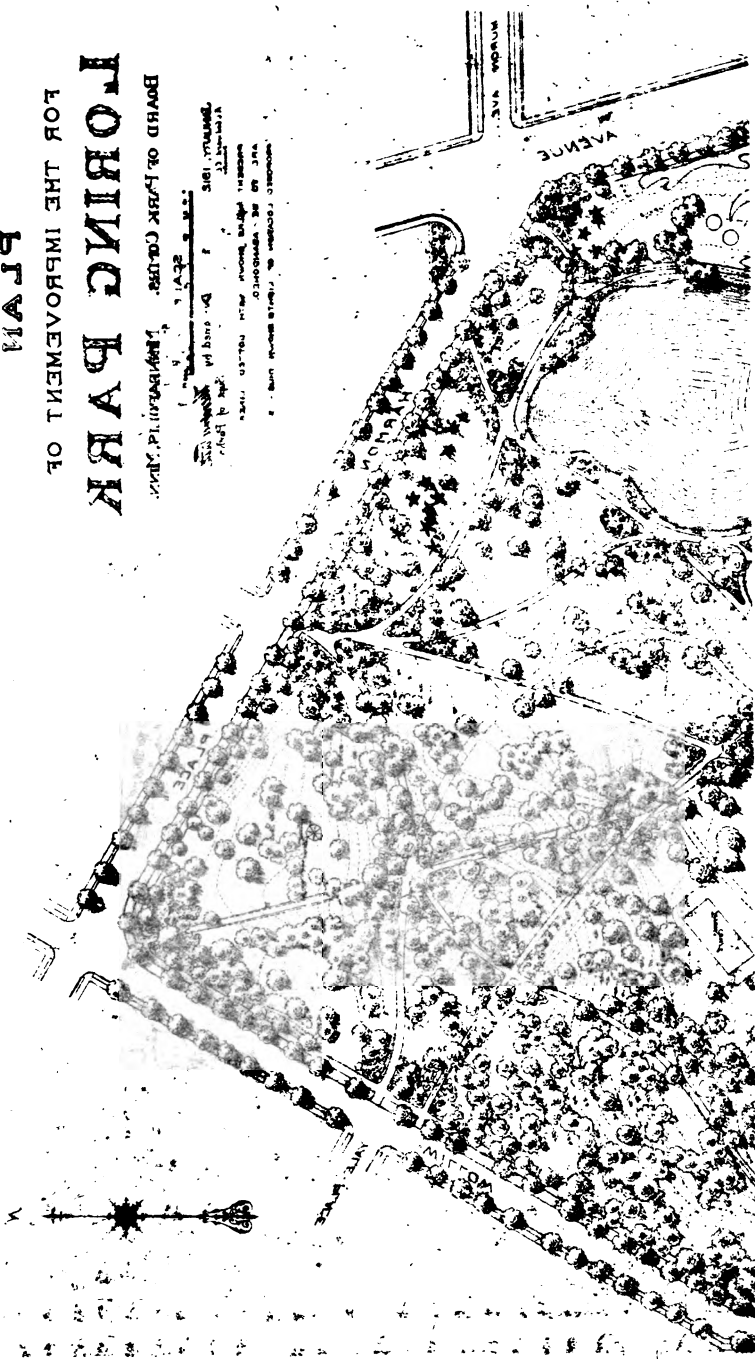
EAST MINNEAPOLIS PARKWAY EXTENSION. From Camden Park to Columbia Park, Stinson Boulevard and University.

A preliminary study of the route of this last and only missing link of the "Grand Rounds" has been made, but the necessary surveys have not been far enough advanced to make it advisable at this time to present them. However, it may be stated that the probable route will offer fine scenic effects and will, when completed, be a harmonizing part of the whole system.

LORING PARK. Hennepin Avenue and Harmon Place, 36.34 acres.

This, the oldest of our parks, should receive special consideration soon as it is in poor condition. This is not surprising when considering the unfavorable changes that have taken place since the park was first laid out. It is well known that natural groves will decline in

BOARD OF PARK COMMISSIONERS FOR THE IMPROVEMENT OF TORING PARK PLAN



Six
indie
with
way
and
told
ing
Eigh
the
cons
expe

esta
dow
and
thro
self-

Aver
and
the

CAM

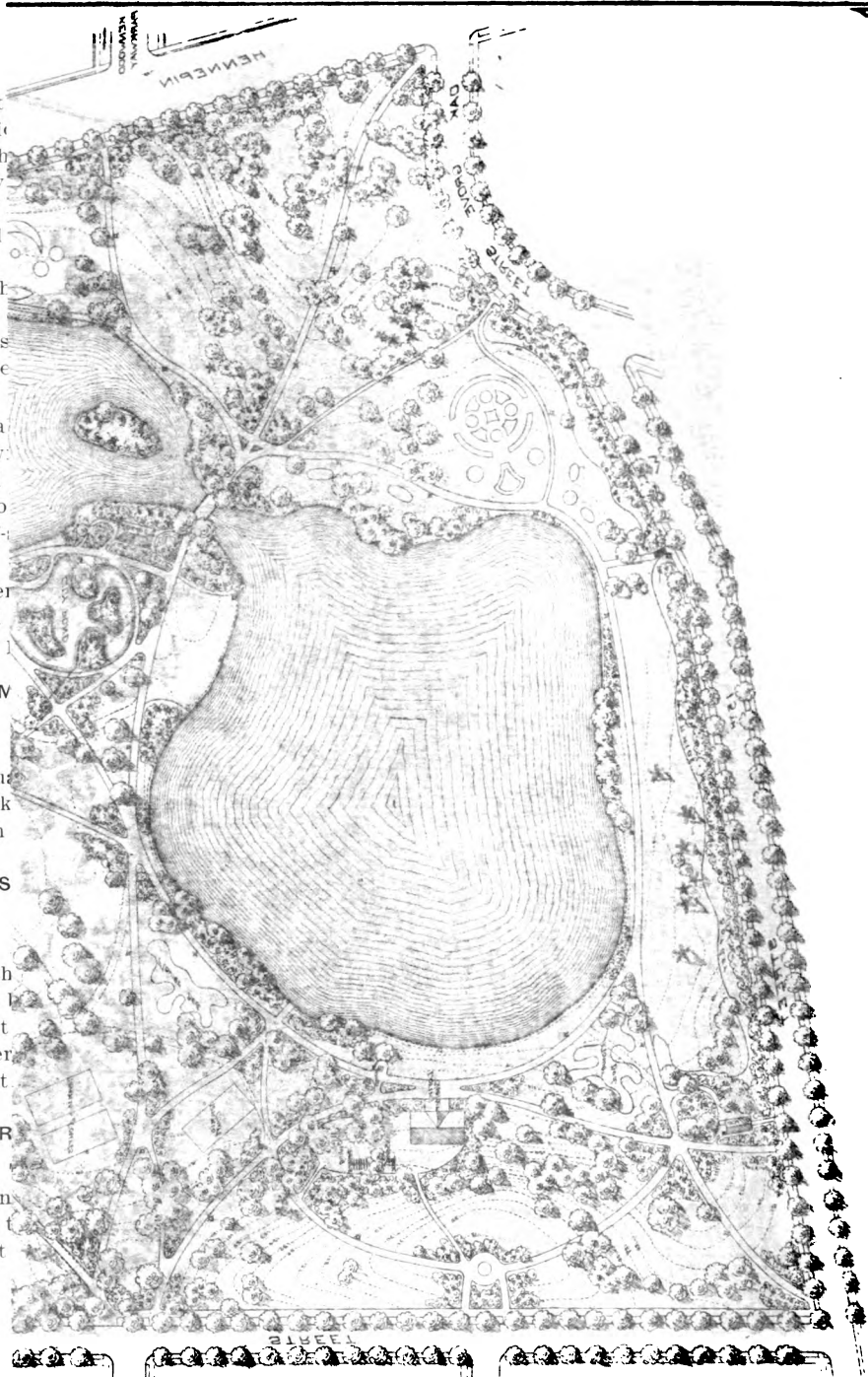
tinu
park
tion

EAS

of th
not l
sent
offer
part

LOR

soon
ing t
first



vigor and health when subjected to the use of a frequented public park. The constant tramping over the surface roots and the removal of all leaves and undergrowth, which formerly, in its natural wild state, furnished a protecting and nourishing cover of humus soil for the roots, necessarily affects the growth and health of the trees. The absence of that protecting cover furthermore permits the washing away of the top soil, exposing the root system to the dry air. The change in atmospheric conditions from those of natural woodlands to those of a crowded smoky city has also an injurious influence on vegetation. It is, therefore, only natural that Loring Park of today is not in as good condition as it was ten or fifteen years ago. Parks of like character all over the country are in a similar condition, and the need of meeting those defects has been recognized by all park authorities. The remedy for this decline of vegetation necessarily lies in the improvement of soil conditions. Commercial fertilizers, even if they contain the proper elements, will help only to a certain extent and will not provide, what is of prime importance, the root covering obtained through a good layer of rich virgin soil. New York City is spending hundreds of thousands of dollars to revive vegetation in Central Park, and other large cities with parks in similar condition are following the example. A layer of good loam from 4 to 6 inches in thickness over the entire tree-covered area of the park ought to be provided. This loam should be of a heavy humus character, brought in from the country.

Loring Park needs attention along still other lines, and I have prepared a plan, hereto attached, which shows how it could be improved to meet the requirements of the present time. A very large number of people walk across the park once or oftener every day on their way to and from their daily work, and they should be provided with good walks as nearly as possible in the direction they wish to go. Many of the old gravel walks in the park are never used for the reason that they do not lead to any desirable point. The plan shows those paths abolished and others built where people wish to go. Walks should be constructed of cement so as to make them passable at all times.

An additional feature would be a lily pond, and the plan shows such a small sheet of water of irregular outlines occupying a triangle of low lawn just northeast of the small lake and the bridge. Between the lily pond and the bridge, well hidden under trees and by shrubbery, is shown a proposed toilet building, in the basement of which would be installed a small heating plant to warm the water in the pond. Such an aquatic garden, in conjunction with the other floral displays, would add greatly to the attractions of the park, and its maintenance would be comparatively small after it was once established.

The present toilet buildings in the park are inadequate and unsanitary, and a modern building is needed.



Loring Park on a Summer Morning



Loring Park on a Winter Morning

Centrally as the park is located, and in the best down town residential district, it is now practically unlighted. The consequence is that instead of being the recreation place of decent people on summer evenings, it is after dark the resort of undesirable characters, so that the park is actually avoided by respectable people. The plan shows a system of electric lamps similar to those installed at Lake Harriet. One hundred of those lamps would light the park in a very satisfactory manner. During the winter months fifty would be sufficient. The cost would be from \$1,500.00 to \$2,000.00 per year, a small expenditure when considering what it will accomplish.

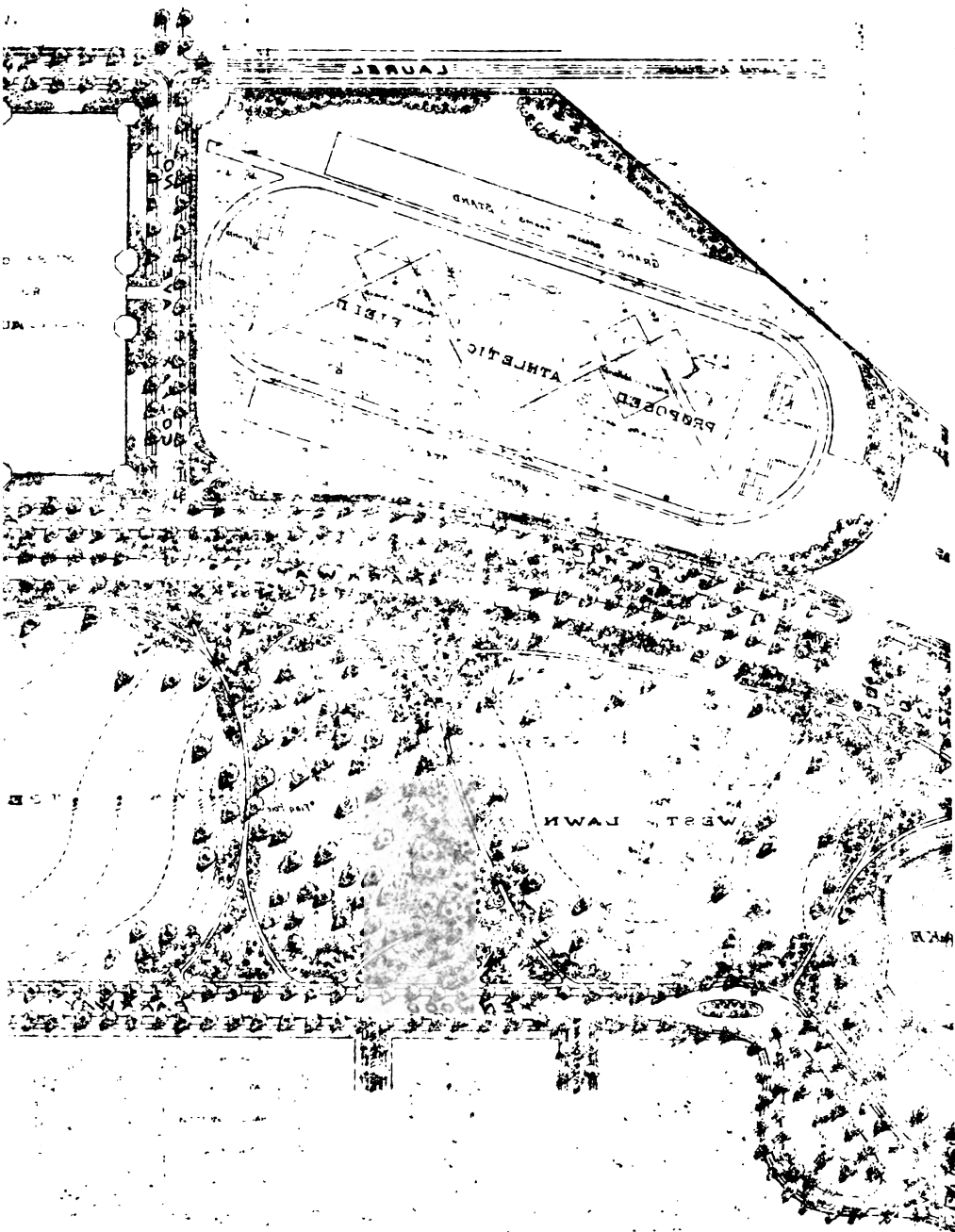
The following is an approximate estimate of the cost of improvements herein suggested:

| | |
|--|--------------------|
| 135,000 square yards of lawn to be covered with good loam 4 inches deep, 15,000 cubic yards at \$1.00..... | \$15,000.00 |
| 7,900 square yards of colored sidewalk at 85c..... | 6,750.00 |
| Toilet building, heating plant and sewer connection..... | 10,000.00 |
| Lily pond, construction of same, cobblestone for riprap, rockeries, partition walls, piping for water supply and heating, clay for puddling, soil and plants, etc..... | 3,500.00 |
| Miscellaneous | 750.00 |
| Total | \$36,000.00 |

The Minneapolis General Electric Company undoubtedly would be willing to install the lamp posts and conduits at their expense under a contract for lighting. Loring Park should be the city's show park, and it can be made one of the best in the country if the necessary means are procured.

THE PARADE. Kenwood Parkway and Lyndale Avenue, 68.00 acres.

Like most progressive cities, Minneapolis is considering Civic Center plans, which, when carried out, will abolish many of the undesirable conditions and features which now exist in the congested business part of our city. The object is to rectify the mistakes of the past and to avoid their repetition in the future. I believe special attention should be given to all prominent points in the city which are not yet congested and closed in by business houses, but will eventually, on account of their prominent and advantageous location and surroundings, become central points of traffic and attraction in the city's future development and life. The Parade, adjacent to Loring Park and located at the intersection of Hennepin and Lyndale Avenues, being the central and main entrance to our park system, is one of those points which should receive careful study and consideration at the present time. Football, baseball and other games, and the gathering of large numbers of people on patriotic and festive occasions, should influence the final treatment of the grounds. It is, therefore, advisable to preserve the open meadow effect and simply to improve the present barren appearance by planting appropriate groups



Central
sidential dist
is that instea
mer evening;
so that the
shows a syst
Harriet. On
satisfactory
ficient. The
expenditure

The follo
ments herein

135,000 squar
inches de
7,900 square
Toilet buildin
Lily pond, cc
eries, par
clay for
Miscellaneous

Total ..

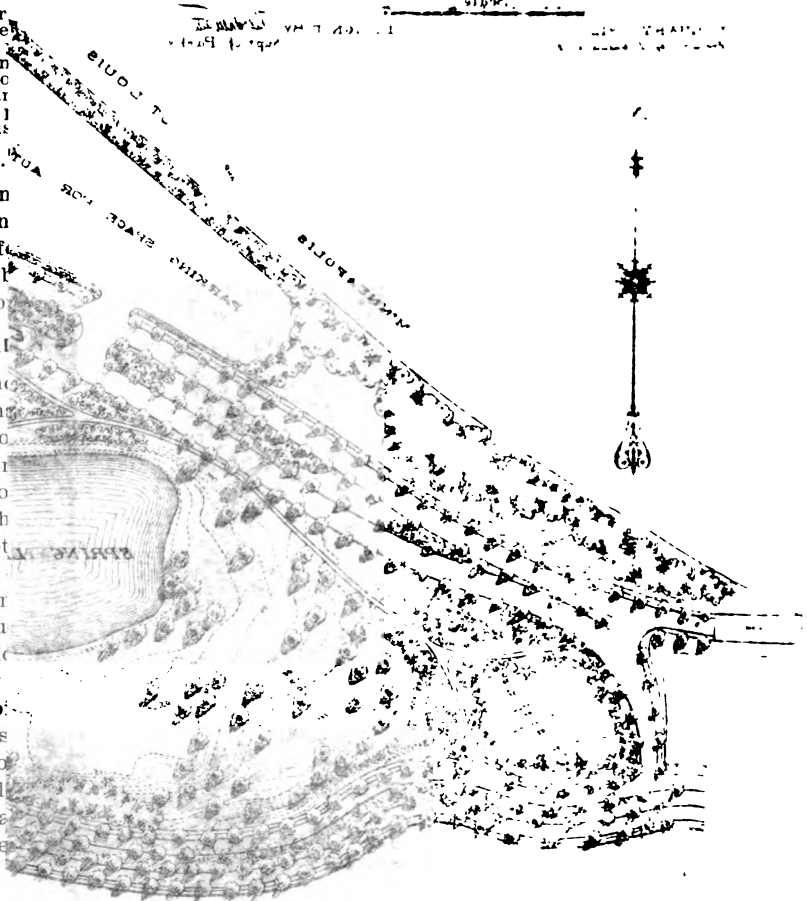
The Min
willing to in
a contract f
and it can b
means are p

THE PARADE

Like mo
Center plan
desirable co
business par
past and to
attention sh
are not yet
eventually,
and surroun
the city's fu
Park and lo
nues, being
of those po
at the pres
gathering o
sions, shoul
fore, advisa
improve the

THE PARADE

MODERN ATHLETIC FIELD
AND A
MAIN PARKWAY ENTRANCE
AND SUGGESTING
LOCATION OF COLISEUM OF AUDITORIUM
AND TREATMENT OF
GROUNDS IN VICINITY OF PUBLIC BUILDINGS
PLAN OF PARK OF THE CITY OF CHICAGO



of trees along the boundary lines, some of the plantings being allowed to project into the lawns to produce irregular outlines. The speedway can be used for a parkway with its entrance on Hennepin Avenue, opposite the Pro-Cathedral. Along the south side of this proposed parkway the plan shows a winding walk with trees and shrubbery plantings between the two. On the east side the walk follows Lyndale Avenue, bordered by similar plantings, and towards the west it parallels the south parkway and intersects with other walks leading through the groves and across Superior Avenue. The new roadway connects with the lower drive of Kenwood Parkway at Waverly Place. The west lawn may be used for similar effect and practice as the larger east lawn. The grounds around Spring Lake can be improved through additional plantings of trees and shrubs. The enlargement of the small sheet of water is not practicable within reasonable expense, as soundings taken show an almost bottomless depth of floating bog. The present driveway around the north side can well be spared and narrowed down to a walk. The piece of land between the Plaza Hotel and the Armory may be used as a tennis field, properly screened from the outside by shrubbery plantings and surrounded by a walk connecting with entrances on all four corners. At the junction of Hennepin Avenue, Superior Avenue and Seventeenth Street, as shown in a former plan, is a semi-circular concourse, in the center of which could be placed a large ornamental electric light post. The entrances to the new parkway, Erie Avenue and Seventeenth Street, would be designated through ornamental masonry gate posts, and the adjoining property lines defined through low ornamental parapet walls with posts and flower vases at proper intervals. This whole arrangement would afford a dignified approach to the parkway and the Pro-Cathedral, and would give a splendid setting to the wide flights of steps leading to the main entrance of the latter. Assuming that such an arrangement would make the property west of Lyndale Avenue, between Superior and Ontario Avenues, valuable for better purposes than ordinary flat buildings as are there now, I have designated that space as a site for some public building, the main public library for instance, or, if need be, a family hotel. Such a building should not be hidden or disfigured by other structures between itself and the concourse, and possibly an arrangement could be made between the owners of that new building and the Pro-Cathedral Association to acquire the block between Lyndale Avenue and Seventeenth Street, and Superior and Ontario Avenues. This could be donated to the city for park purposes under certain conditions as to its use, and together with the land owned by the Park Board south of Superior Avenue could be treated as a formal garden, so giving those magnificent buildings a very attractive and pleasing setting and making the entrance

to our parkway system a thing of beauty. The lands west of the suggested hotel or library building, blocks 17, 18, 26, 25, 39 and 40 of Groveland Addition, while near to the park are also close to the railroad yards, and are, therefore, not very desirable for residential purposes. Why not locate a coliseum or auditorium on the first four blocks, and add the last two to the park property west of Dupont Avenue to be used with the latter for an athletic field? The coliseum would have enough ground to permit a liberal planting space on all sides of the building, and a street car line could encircle it to provide ample facilities for the handling of large crowds.

THE ATHLETIC FIELD

With the suggested addition of blocks 39 and 40 to the ground already owned by the Board, the tract available for such a field would permit the arrangement of two football and two baseball fields, a one-half mile running track, four tennis courts, and grandstands that would accommodate from fifteen to twenty thousand people. To the west of the athletic field is another enclosure intended for the parking of automobiles and other vehicles which will gather in large numbers for the games and meets. The needs in our city for such a field have been propounded by the school authorities and athletic interests for many years past, and they become more urgent as time progresses. Would it not be possible, through the combined means and efforts of the Park and School Boards, to meet this demand on a scale large enough to satisfy the needs of the next twenty to twenty-five years? This field would not necessarily be for the schools alone but could be used for other games, the gate receipts of which would make the institution self-sustaining. With the known growth of the business district south along Nicollet and Hennepin Avenues, the feasibility of locating a large building like a coliseum farther down town becomes more and more remote. The accessibility to the sites herein proposed for the coliseum and the athletic field can, I believe, be made satisfactory through the extension of the Bryan Mawr car line to those public places, making a loop around the proposed coliseum.

The plans herein outlined may, at the outset, look large and prohibitive, but since the constant and rapid growth of our city is recognized and commented upon by everybody, and since such growth demonstrates that in the past proper foresight has not been exercised, why not begin now, plan for the future, and make use of such splendid opportunities which are now at hand?

LAKE OF THE ISLES. Surrounding and including Lake of the Isles, 200 acres.

A sufficient appropriation should be made to complete the gradings and plantings this year. The large island should be graded to conform to the plans of Mr. J. S. Bradstreet, who has offered to estab-

lish a Japanese Garden there. This work consists mostly of grading the banks and could be done to advantage between now and spring. The banks of the approaches to Bridges Nos. 3 and 4, being gravel fills, require a good dressing of heavy loam to sustain appropriate plantings. I wish to suggest that the different bridges be given proper names, the numbers being rather confusing and commonplace.

LAKE STREET IMPROVEMENTS

This work should be finished as soon as possible the coming spring. The banks of the lagoon can best be graded by slushers and hand work. The triangle between Knox Avenue, the boulevard, Lake Street and the railroad tracks requires a heavy coat of loam dressing, which must be secured from outside. The same is true of the triangle between Bridge No. 1 and Calhoun Boulevard, as well as the the banks and planting spaces along the north shore of Lake Calhoun. The top-dressing for both the traffic road and boulevard also must be secured from some other source than park land, and it is hoped that all this material can be found within reasonable distance. About 10,000 cubic yards of filling is still to be done by the hydraulic dredge.

LAKE CALHOUN BATH HOUSE. North shore of Lake Calhoun.

Upon the recommendation of President W. F. Decker some very advantageous changes have been made to the bath house plans along lines of such a building successfully operated at Lincoln Park, Chicago. These changes consist in providing six to seven lockers to every dressing room, which makes the same room available to six bathers in place of one at practically the same time, and in this way increasing many times the serving capacity of the building. This made it possible to decrease the size of it at a considerable saving of money. This bath house will undoubtedly be one of the most complete and modern buildings of its kind in the country. Its capacity per day of 10 hours will be from 13,000 to 15,000 people. The work must be pushed with all possible speed in order to have it ready for the coming season.

WEST CALHOUN BOULEVARD. From Lake Street to Richfield Road, West and South Shores.

The plan for the improvement of Lake Calhoun, presented in last year's annual report, should be considered by the Board in the near future. In order to reduce the amount of filling and so lessen the expense it might be advisable to narrow the filling strip somewhat. The question as to whether the swamp land at the northwest corner shall be filled or dredged and utilized as an inland bay, should receive due consideration and study.

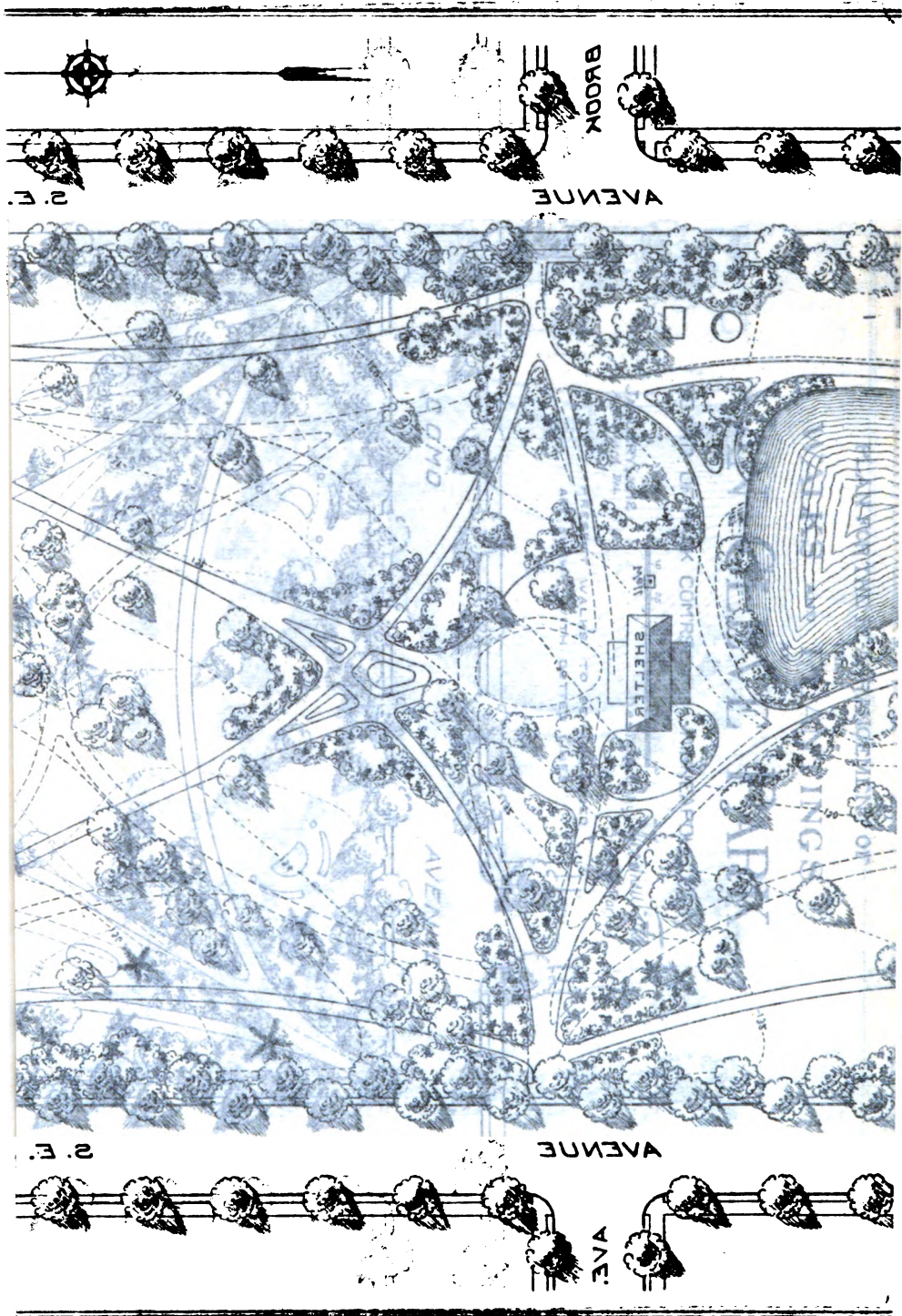
Careful soundings made show that it would be feasible to make a bay and establish good shore lines. Dredging operations in the lake seem to indicate that the filling material, consisting mostly of gravel and sand, could be procured within reasonable distance. If a bay is made, intended to be used for the harboring of boats, a bridge and approaches will be necessary. If a culvert or a very low bridge is used the bay plan will be less expensive, while a high bridge and approaches will cost from \$5,000 to \$10,000 more than the filling of the swamp. The difficulty in filling the swamp will be to make accurate estimates of the material delivered there. The heavy sand and gravel will displace the light floating bog material in the swamp in such an irregular manner as to make accurate measurements actually impossible. The best method to do this filling would therefore be by day work on an hourly capacity basis of the dredge, figured from the average shown on the boulevard work.

**EAST CALHOUN BOULEVARD. From Lake Street to Richfield Road,
East Shore.**

There are no funds available for the improvement of this much traveled drive, whose condition is getting steadily worse as the surface of the roadbed is exhausted. In addition to the regular boulevard traffic there is, from time to time, a demand to permit heavy teaming on the section between Thirty-sixth Street and Richfield road whenever the highway running parallel to the boulevard is in an impassable condition. The highway and boulevard are the only direct approaches to the Linden Hills district from the city. It should not be necessary for the Board to sacrifice the boulevard in order to accommodate traffic which the highway should take care of. On the other hand, it seems unreasonable to deny the use of the boulevard when an entire district is deprived of proper service by such refusal. It is my belief that the city, through its good roads fund, should put that highway in a permanently serviceable condition, and I wish to recommend that the Board use its influence to bring about this improvement. Plans for the proper alignment and grades for both roadways have been prepared, and the work on both must be done at the same time. This is of great importance and I wish to call special attention to it.

**PARK BOULEVARD. Russell Avenue from West Fortieth Street to
Queen Avenue Bridge, 5.57 acres.**

The contemplated improvements of this boulevard call for slight changes of grade of the roadway and sidewalks, which will in some instances necessarily affect the grades of adjoining lawns. The question of the treatment of the boulevard trees is also an important factor. The entire matter should be discussed at a meeting with interested





property owners, in order to avoid misunderstandings and possible friction. An additional appropriation also should be made to permit the completion of the work when undertaken.

LAKE HARRIET. Surrounding and including Lake Harriet, 408 acres.

I wish to repeat my recommendation for the building of proper toilet accommodations and the erection of a building at the Forty-second Street entrance which will serve as a refreshment, waiting, and storage room for the refectory, etc. A plan for such a building at an estimated cost of from \$5,000 to \$6,000 has been prepared by Mr. H. W. Jones, Architect.

KING'S HIGHWAY. From Thirty-eighth Street to Lake Harriet by way of Dupont Avenue and Forty-sixth Street, 14.73 acres.

The completion of the improvements to be extended from Forty-third Street to Thirty-eighth Street call for an additional and larger appropriation, as only a small amount of the necessary curbing and sidewalk construction can be charged against private property. The work should be finished, if possible.

POWDERHORN LAKE PARK. Tenth Avenue South and Thirty-second Street East, 59.22 acres.

With the large and complete playground now established near the field house a proper comfort station is an absolute necessity. Whether it shall be located near Fourteenth Avenue and Thirty-third Street as shown on the plan, where sewer connection is possible, or at a less conspicuous place at the foot of the bank with septic tank service, is a question to be decided. This park should also receive more attention in the way of tree and shrubbery plantings.

NORTH COMMONS. James Avenue and Nineteenth Avenue North, 25.74 acres.

The grading operations should be continued and the grounds seeded and planted. The playground apparatus must be rearranged to conform to the plan adopted. The wading pool will be a new feature in our playground work and I am sure it will be appreciated. Considerable filling is still necessary along Nineteenth Avenue, which it is hoped can be secured from street excavation. For the inside gradings it is expected that nearly enough material is available within the grounds. This park shows increasing attendance, and it should be better lighted.

TOWER HILL. University Avenue Southeast and Malcolm Avenue,
4.7 acres.

In 1908 I presented a plan for the improvement of Tower Hill Park which called for walks to the top of the hill, and plantings. The tennis court has been established and the banks have been graded and seeded. A small appropriation would complete this work, and I believe it should be done.

LAKE NOKOMIS. Surrounding and including Lake Nokomis, 409.6
acres.

The sounding work on the lake should be finished, and plans for the improvement of the entire park prepared so that estimates can be made. The largest expenditure necessary will be for dredging. No large appropriations are needed until such plans are made, but the grounds should be kept in serviceable condition and the bathing facilities, especially, should be enlarged as the demand increases.

STINSON BOULEVARD. From Division Street to Broadway Street,
15.1 acres.

The work should be completed to the intersection with Broadway. There is little doubt that the northeast parkway must, for many reasons, connect with Stinson Boulevard, and therefore progress made here will help to advance the interests of the "Grand Rounds." The only difficulty with the work will be to find the necessary road material, which will probably have to be procured from the hills about one mile to the east.

VAN CLEVE PARK. Fourteenth Avenue Southeast and Como Avenue, 6.97 acres.

The field house has proved to be very useful, as has also the well located near it. Unsightly short cuts across the lawns towards the building suggest a rearrangement of walks for the entire park, and I have prepared a plan which, if carried out, I believe will meet the demands along those lines. This park is quite popular and it should be kept attractive and wholesome. It is one of the neighborhood parks where playground activity and attractive park scenery can be maintained in close proximity without interfering with each other. The location of the park and its relation to the "Grand Rounds," of which it will most likely become a part, seem to me to be sufficient reasons for improving it as suggested in the plans.

to be taken for this purpose is 200 feet wide. The plan calls for a main parkway 40 feet wide on either side of which is a 40 foot planting space, then a 20 foot traffic road, a 10 foot planting space, a 6 foot sidewalk, and a 4 foot lawn space next to the property line. The estimated cost of the whole improvement, not including the cost of the land, is \$115,000. This provides for everything complete, modern pavements, curbs, sidewalks, trees, plantings, etc. This would be part of a main boulevard connecting with Central Avenue, extended to Third Avenue Southeast and Harrison Street, and continuing east from the city limits through the fair grounds and Como Park to St. Paul. The Board has not yet considered the plans, because the entire scheme requires that the Council take some action first, which has not been done.

GREENHOUSES

The list of contemplated improvements for which a bond issue has been granted by the Legislature contains an item of \$10,000.00 for the enlargement of the greenhouse plant. I sincerely hope that the Board will authorize the building of the plant houses 4 and 5, which would make the greenhouses complete with the exception of the large show house. The demands on this department for its products are ever increasing and the plant should be put on an efficient working basis to meet them.

STREET TREES

The creation of a standing committee on Forestry has already shown its helpful influence, and if the necessary means are forthcoming the street tree work will receive the attention and support to which it is entitled. This can be accomplished best by creating for this branch of our work a sufficient revolving fund for street tree planting. If a fund of \$10,000.00 is set aside for that purpose it will become possible to plant from 1,500 to 2,000 trees per year, making the assessments of actual cost against the benefited property after the work is done. Under such an arrangement the Board can go ahead on its own initiative and make splendid yearly progress in planting street trees in all parts of the city. For the maintenance of street trees larger annual appropriations must be made, and I again wish to advance the question whether it would not be possible, through legislative action, to empower the Tax Levy Board to levy a small tax of about one-tenth of a mill for this special purpose. The Board will never be able to make sufficient appropriations for this work from its general fund secured through a one mill tax levy, yet the street trees are as important to the city as a whole as are the parks. I recommend that this question be referred to a committee on legislation for consideration, and that proper action be taken if it is found feasible.

PLAYGROUNDS**LONGFELLOW FIELD. Twenty-sixth Avenue South and Twenty-ninth Street, 4.22 acres.**

The early improvement and equipment of the newly acquired playgrounds is very desirable. For a guide, I have selected the new Longfellow Field and wish to submit the accompanying plan and estimates of cost. The plan makes use of every inch of ground and provides for the following accommodations:

| | | |
|-------------------------------|---|---|
| One playground baseball | } | In sunken lawn, also used for skating. |
| One baseball field | | |
| One football field | | |
| Two tennis courts | | |
| One volley ball court | | |
| One basket ball court | | |
| One shot put ring | | |
| One jumping pit | | |
| One merry-go-round | | |
| One giant stride | | |
| One girls' gymnastic outfit | | |
| One men's gymnastic outfit | | |
| Two sets of adults' swings | | |
| Two sets of children's swings | | |
| One set high teeters | | |
| Two sets low teeters | | |
| One slide | | |
| One buck | | |
| One horse | | |
| One set of parallel bars | | |
| Two sand boxes | | |

An appropriate comfort station and shelter must be provided for such playground. The estimated cost of the plan is as follows:

| | |
|---|--------------------|
| Grading operations | \$1,000.00 |
| Sewer to drain playfield..... | 200.00 |
| Tennis, basket ball and volley ball courts..... | 500.00 |
| Playground apparatus | 3,000.00 |
| Shelter and comfort house..... | 8,000.00 |
| Fence around grounds..... | 1,400.00 |
| Trees, plantings and arbors..... | 1,000.00 |
| Cinder track | 100.00 |
| Engineering and contingencies..... | 300.00 |
| Total | \$15,500.00 |

For the proper control of such playgrounds it seems necessary that they should be fenced, and I recommend that this be done for an experiment at Longfellow Field, a fence similar to those at Maple Hill and Camden being erected.

SUMNER FIELD. Bryant to Dupont Avenues between Eighth and Eleventh Avenues North, 3.01 acres.

In order to bring these grounds sufficiently above sewer grade about 4,000 cubic yards of filling is necessary.

SEVENTH WARD PLAYGROUND. Tenth and Eleventh Avenues South and Twenty-sixth and Twenty-seventh Streets East.

About 9,000 cubic yards of filling are needed to bring these grounds to an elevation sufficiently high for drainage. It is expected that this material will be procured during the year free of cost to the Board.

RIVER FLATS. East shore of Mississippi River, foot of Harvard Street.

The proposed playground on the East River Flats must be raised at least 5 feet in order to be elevated sufficiently above the future standard level of the river, after the high dam is built. A heavy retaining wall will have to be built and the filling procured either from outside the wall or from the banks to the north. All this costs money, and I believe that after all it would be better to provide a playground elsewhere. For the same amount of money needed to bring this playground above the water level, a piece of ground more accessible and nearer to the people who want to use it can be secured. The proper location for such a playground, I should think, would be somewhere between Oak Street, University Avenue, and Tower Hill.

MODERN PAVEMENTS FOR OUR BOULEVARDS

In previous reports I have spoken about the desirability of building new roadways and improving the old ones to meet the present demands of traffic and methods of locomotion. This is important, both from the points of rendering good service and economical maintenance. The sample pavement laid at the junction of Kenwood Parkway and Hennepin Avenue two years ago has demonstrated that it is highly satisfactory and durable, and I wish to renew my recommendation that the necessary machinery for the laying of such pavement be acquired as soon as possible, and that the construction of our park drives along such modern lines of roadbuilding be commenced.

THE PRESENT PARK AREA

During the year nearly 300 acres have been added to our park system. This brings the total park area to 3,685.98 acres. The total city area is 33,920 acres, consequently there is one acre of park land to every 9 acres of city territory. 564 acres of this park land, however, are outside the city limits.

GENERAL REMARKS

The demands for additional acquisitions and improvements from all parts of the city are constantly increasing, and are often very pressing. It is impossible to meet all these demands within the means of the Board, and difficult to decide which should receive preference. It has been my aim to give maintenance service where most needed, just as the Board has always tried to acquire and improve where results would benefit the city as a whole, or sections which are most entitled to it.

The creation of three additional standing committees has greatly facilitated and improved the working organization of the department.

The purchasing committee, through the knowledge and experience of some of its members, has been a great help in securing materials of the best kind at the lowest obtainable prices, and properly has assumed some of the responsibility which formerly rested upon your Superintendent alone.

The Playground Committee has rendered invaluable service in the selection of localities for new playfields where most needed, a function which required more time, study, and investigation than the Board as a whole could have given those problems.

The Forestry Committee has already shown its usefulness and efficiency in securing a larger order for, and authorization of, street tree planting than has been done for many years.

The standing committees, with their different duties and powers, save the Board a large amount of time, increase the efficiency of the department as a whole, and are of great help to the executive officers in the discharge of their duties. The deep interest and close attention which all committees and commissioners give to everything pertaining to the duties and efficiency of the department induce me to suggest that in place of delegating only your Superintendent or his assistant to attend the annual convention of the American Association of Park Superintendents, two or more Commissioners also be delegated. The information gained at those gatherings is as helpful to commissioners as it is to the executive officers, and new ideas gained in this way are more apt to be taken advantage of where commissioners with the superintendent report and recommend improvements in service which are based upon such observations.

FINANCES

The total amount appropriated for maintenance at the beginning of the year was of necessity much below the original estimates submitted. While this has not resulted in a deficit in the maintenance account, it has greatly impaired the service as a whole. The latter half of the season it became necessary to reduce the working force, and consequently all parks showed more or less the lack of proper care.

I wish to renew my plea that the maintenance appropriation be made sufficiently large to enable us to give proper care and protection to all parks, and I repeat my assertion that it is better to maintain well what we have and to improve only where we can. Nearly all the improvements suggested in this report can be taken care of through the bond issues. There are many other instances where improvements would be of great benefit, but in the absence of the necessary funds they must wait and I therefore refrain from bringing them to your attention at this time.

The attached statements of moneys spent from authorized bond issues in the Secretary's report give full information as to the standing of the different accounts for improvements under way or completed. They refer to the following funds:

The \$300,000 bond issue authorized in 1907, of which the second last yearly installment of \$50,000 was appropriated for 1911. The last installment becomes available for the year 1912.

The \$300,000 bond issue authorized in 1909.

The \$800,000 bond issue authorized in 1911, to be expended during a period of four years.

WORKING FORCE

The average force employed during the busy season was 357 men and 37 teams, and during the winter months 167 men and 22 teams. Sufficient men and teams were available at all times and only able help was employed. The working force, therefore, was of a very satisfactory character, and credit is due to all the employees of the Board for the faithful and efficient service rendered.

WORKING FORCE

| 1911. | No. of men. | No. of teams. | Amount of payroll. |
|-----------------|-------------|---------------|--------------------|
| January | 156 | 22 | \$11,980.52 |
| February | 155 | 20 | 9,492.37 |
| March | 156 | 9 | 10,094.93 |
| April | 306 | 26 | 14,379.18 |
| May | 417 | 45 | 23,880.05 |
| June | 544 | 57 | 30,170.19 |
| July | 488 | 39 | 22,364.44 |
| August | 297 | 29 | 20,012.16 |
| September | 223 | 29 | 15,598.82 |
| October | 225 | 33 | 14,048.73 |
| November | 242 | 43 | 12,856.63 |
| December | 126 | 19 | 9,802.43 |
| Total | | | \$194,680.45 |

LAKE CALHOUN BOATS

| | No. of tickets. | Receipts. |
|--|-----------------|------------|
| Row boats | 3,457 | \$1,414.80 |
| Sail boats | 404 | 469.40 |
| Launch | 4,096 | 696.65 |
| Pole and bait | 518 | 85.80 |
| Totals | 8,475 | \$2,666.65 |
| Cost of operation and repairs | | 2,010.11 |
| Receipts in excess of expenditures | | \$656.54 |

LAKE HARRIET BOATS

| | No. of tickets. | Receipts. |
|--|-----------------|-------------|
| Row boats | 13,492 | \$5,528.40 |
| Canoes | 6,763 | 7,779.60 |
| Launch | 39,364 | 3,018.65 |
| Pole and bait | 1,448 | 360.80 |
| Totals | 61,067 | \$12,687.45 |
| Payroll check returned | | .56 |
| | | \$12,688.01 |
| Cost of operation and repairs | | 5,837.78 |
| Receipts in excess of expenditures | | \$6,850.23 |

CONCLUSION

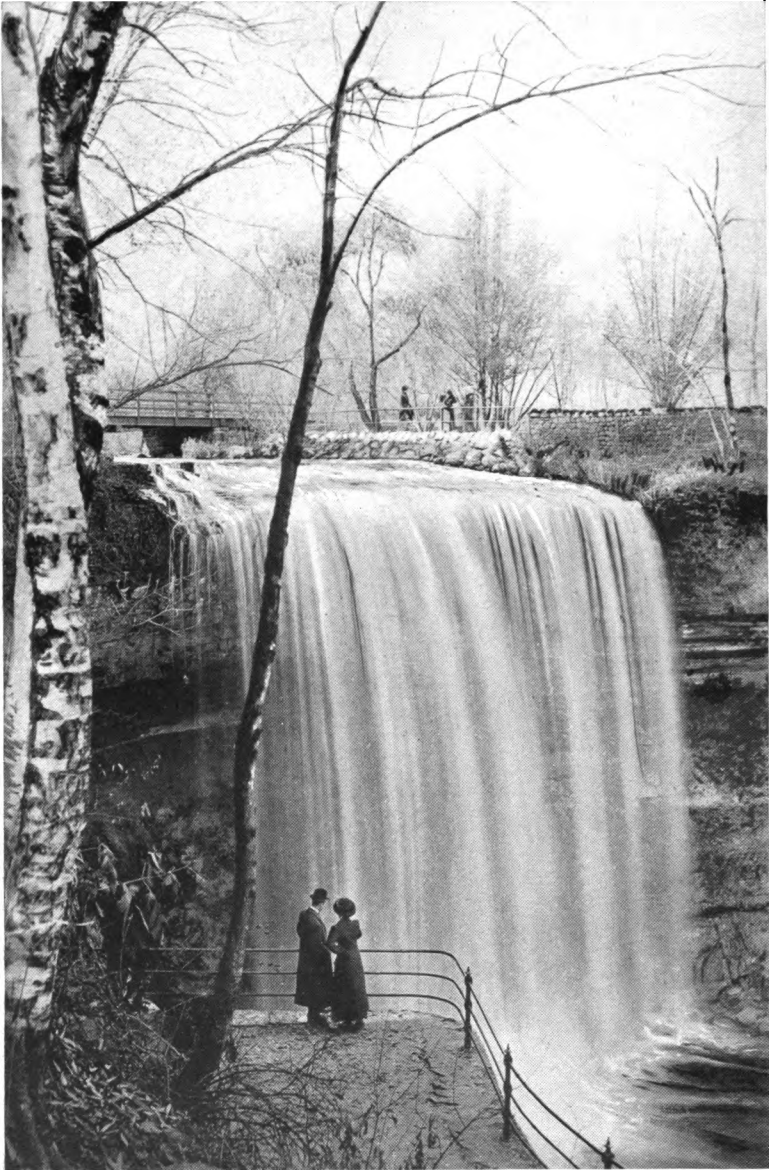
The year of 1911 stands on the records of the Board as one of great achievements and, in the minds of the commissioners and officers at least, as one of many tribulations and much anxiety. It cannot be reasonably expected, in so many undertakings, that even with the best of care some mistakes may not be made or some oversights occur. The work completed, generally speaking, is of the best character and has been well done. That more has not been accomplished is due to circumstances beyond the control of the Board.

The very cordial support given me at all times by the Board as a whole and the members individually, and the many courtesies shown me, have made my work with them a pleasure. To the officers and to the chairmen of the different committees I am very grateful for the never failing assistance given me. To the harmonious work and efficient service rendered by all my assistants and their forces in the different branches of the department is greatly due what has been accomplished, and for it all I wish to extend my sincere thanks.

This report is respectfully submitted.

THEODORE WIRTH,
Superintendent.





Minnehaha Falls
(Photo Taken Oct. 11, 1911)

ATTORNEY'S REPORT

Minneapolis, Minn., January 20, 1912.

To the Honorable Board of Park Commissioners.



ENTLEMEN: I have the honor to submit a brief summary of my work done during 1911.

The suit of the City against the Minneapolis Street Railway Company was taken by the Company to the Supreme Court on appeal and there affirmed, the judgment, together with the costs of both courts, amounting to \$6,025.86, which was paid by the Company.

The suit brought against Olaf O. Searle to recover rent was decided by the District Court in favor of the City, but the court allowed about one-half of the damages claimed by the defendant as an offset. The amount collected was \$4,012.50.

The agreed case submitted to the District Court to determine whether the damages of the Chicago, Milwaukee & St. Paul Railway Company for the right of way for a canal crossing its tracks should include the cost of a necessary bridge, was decided by the District Court in favor of the City and the judgment of the District Court was affirmed on appeal by the Supreme Court of the state. The case has been removed by writ of error to the Federal Supreme Court and will probably not be reached there for argument for one or two years.

Special assessment proceedings have been conducted as follows:

| | |
|--|-------------|
| For Bryn Mawr Meadows | \$32,320.00 |
| For the enlargement of Riverside Park | 34,580.00 |
| For the enlargement of Glenwood Park and North Minneapolis Extension | 249,097.14 |

Objections were filed to the Riverside Park enlargement assessment by property owners on the east side of the river. The objections were overruled and the assessment confirmed. An appeal was taken to the Supreme Court, but it is not entirely clear that the order is appealable. I have been informed that the Chief Justice refused to issue a writ of certiorari on the application of the attorney for the objectors.

Park, Longfellow Field and Seventh Ward play ground, seventy-eight abstracts of title have been examined.

At the opening of the session of the Legislature of 1911 several bills were prepared and introduced, at the request of this Board. Considerable effort was used to procure their passage, but all of them failed excepting one providing for a bond issue for park and parkway purposes of \$800,000.00 in the aggregate and not more than \$275,000.00 in any one calendar year.

Another bill, however, became a law which may be of value to the Board. It was known as the Elwell bill and is Chapter 185 of the Laws of 1911. It provides for the condemnation of land and assessment of the cost in a single proceeding and the sale of certificates of indebtedness in anticipation of the collection of the fifteen annual instalments of the assessment to pay the cost of land, as well as of certain specified improvements.

The Board has instituted one important proceeding under this law for the establishment and improvement of a parkway from Hennepin avenue to the park property adjacent to Lake Calhoun. The commissioners are now holding sessions and have not reached any result.

An unusual number of important construction contracts have been prepared during the year, the chief of which are the dredging contract for Lake Calhoun, the dredging contract for Cedar Lake, the supplemental contract for Lake of the Isles, the contract for repairs to Bridge Number 4, contract for the foundation of the new bath house on Lake Calhoun. There have also been a large number of minor contracts for construction of curb and gutter and for the miscellaneous current business of the board.

The settlement with the La Crosse Dredging Company for its work in Lake of the Isles and in the canals and lagoon adjacent and the negotiations for settlement with the Security Bridge Company for the construction of bridges numbered 1, 3 and 4 consumed a large amount of time.

After a conclusion had been reached by the Board as to the amount due the La Crosse Dredging Company, the City Comptroller refused to countersign the warrant and the supplemental contract. By direction of the Board, I commenced a proceeding for a writ of mandamus, but before the time of hearing arrived the City Comptroller, acting, as I understand, upon the advice of the City Attorney, countersigned the warrant and contract and the mandamus proceeding was dismissed.

A suit for personal injury occasioned by falling into one of the holes on Tenth Avenue South dug in preparation for tree planting was brought by Ida M. Clark, but has not yet been tried.

After this confirmation in the District Court suit was brought against the County Auditor by more than one hundred property owners, to enjoin the collection of this assessment. The District Court refused a temporary writ of injunction, but the action has not yet been tried for a permanent injunction.

Objections were filed by three property owners to the confirmation of the assessment for the enlargement of Glenwood Park and the North Minneapolis extension. The assessment on the property of those objecting was about \$500.00 in the aggregate. All the remainder of the assessment was confirmed and the matter continued for hearing on these objections. The point made against the assessment is that the assessment procedure in the Park Board Act is unconstitutional and does not constitute due process of law.

Four appeals that were pending at the beginning of the year from awards in condemnation proceedings for the Riverside Park enlargement were tried and resulted in some increases in the awards. After these appeals were decided, all the awards were paid and title acquired.

Ten appeals in the application for the condemnation of Block 3, St. Anthony Falls, were tried and resulted in small increases. The Board subsequently abandoned all proceedings.

In the North Minneapolis extension four appeals were taken after confirmation by the Board of the appraisers' report. These appeals were tried, with some increase in amounts. The Board paid all the awards in the entire proceedings and acquired title to the property excepting that portion lying between Twenty-ninth avenue and Forty-fourth avenue north. As to these parcels the proceedings were abandoned and a new route selected immediately outside the city limits.

Condemnation proceedings have been carried through as follows:

North Minneapolis extension, now named Glenwood-Camden Parkway, 14 parcels of land in the village of Robbinsdale. The awards made by the appraisers were confirmed by the Board for 14 parcels, aggregating \$34,448.38. Two appeals were taken. The other awards have been paid and title acquired, excepting in one case, that of Thomas S. Rainbolt, the owner of one lot, with whom settlement has not been made.

Another condemnation proceeding for land for playground, since named Sumner Field, was instituted and awards made for 22 parcels of land, aggregating \$16,400.00. These awards were confirmed and no appeals taken. Warrants have been ordered for payment of all the awards except one, as to which the title is in dispute.

In the acquisitions above referred to, as well as in the acquisition of Dorilus Morrison Park, Washburn Fair Oaks, Addition to Columbia

The suit brought for wages by E. J. Palm was decided in favor of the plaintiff and judgment rendered for \$62.00, besides interest and costs.

Early in the year the City Council, at the request of the Board, offered for sale \$50,000.00 of bonds under the Park Bond Act of 1907. The purchaser, upon the advice of attorneys, refused to accept the bonds, upon the ground that the Park Bond Act of 1909 fixed a limitation on amount which applied to all statutes then in force, including the act of 1907. The same objection, if valid, would have held good under the act of 1909 authorizing \$800,000.00 in bonds, and would have prevented the sale of the unsold issue of 1909 as well as 1907.

An action was brought by a tax payer against the City Comptroller to enjoin him from countersigning the bonds which the City Council had authorized under the act of 1907. The case was hastened and reached the Supreme Court for hearing in July. The court held that the three acts were cumulative and that the later ones did not in any way supersede the earlier ones.

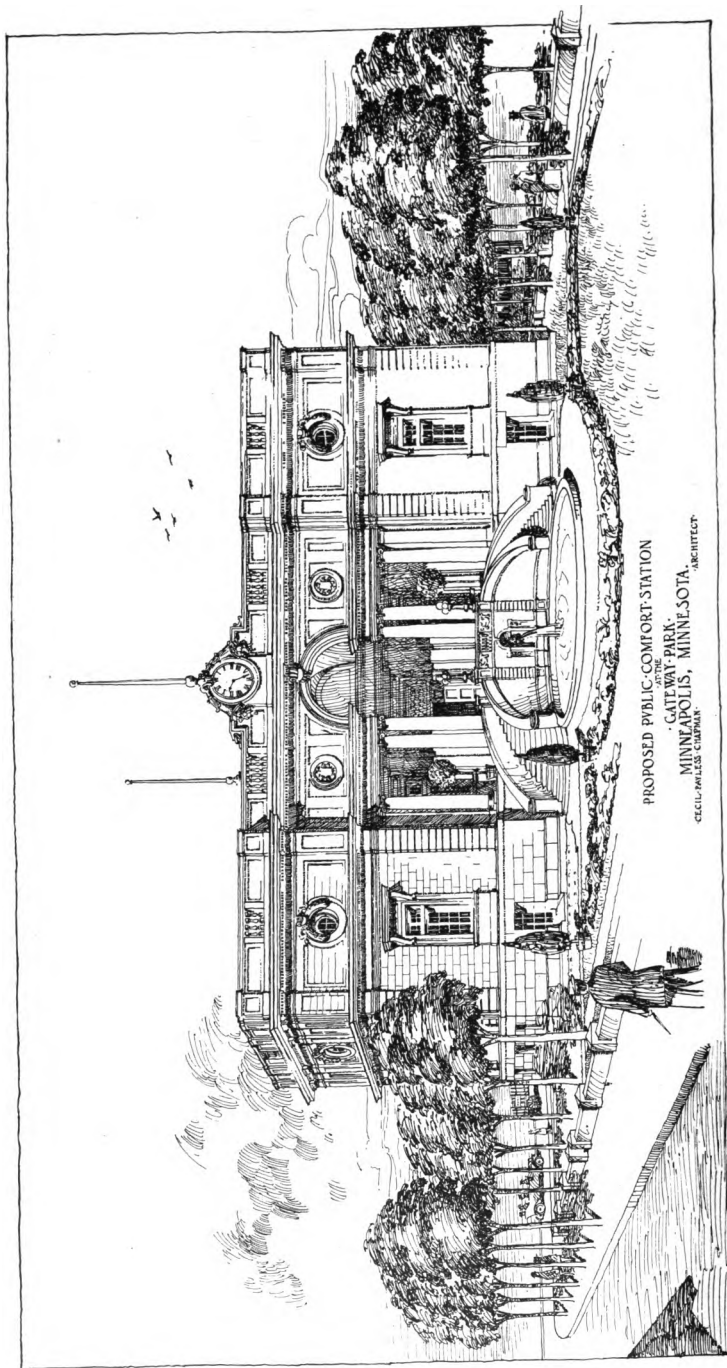
Respectfully submitted,

C. J. ROCKWOOD,
Attorney.





He Refuses to Come Down Preferring to Wear His Own Skin
(Photo Courtesy Minneapolis Journal)

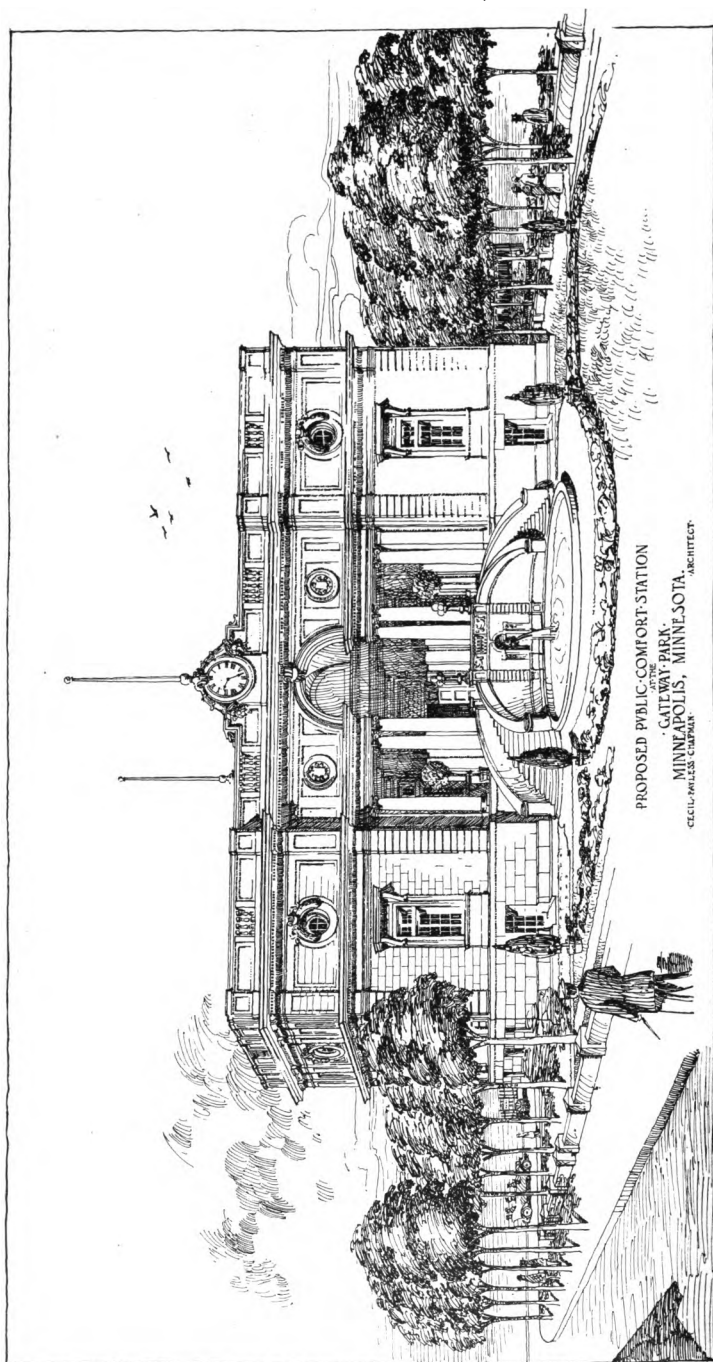


PROPOSED PUBLIC COMFORT STATION

GATEWAY PARK

MINNEAPOLIS, MINNESOTA

CECIL PALES CUMPLER ARCHTCT



SECRETARY'S FINANCIAL REPORT



O the Honorable Board of Park Commissioners of the
City of Minneapolis:

Gentlemen: In accordance with the Park Act, I
herewith submit a statement showing the receipts and
disbursements of the Board of Park Commissioners for
the year ending December 31, 1911.

Receipts

| | | |
|--|--------------|--------------|
| General park tax, current | \$191,668.05 | |
| General park tax, delinquent | 3,083.04 | |
| Park assessments, current | 128,298.29 | |
| Park assessments, delinquent | 14,444.35 | |
| Tree planting assessments, current | 2,074.23 | |
| Tree planting assessments, delinquent | 2.67 | |
| Penalties and interest | 583.68 | |
| Mortgage registry tax | 2,939.27 | |
| Total from taxes and assessments | | \$343,093.58 |
| FROM SALES OF CITY BONDS— | | |
| Improvement bonds, authorized in 1907 | \$50,000.00 | |
| Premium on same | 1,775.00 | |
| Improvement bonds, authorized in 1909 | 100,000.00 | |
| Premium on same | 3,550.00 | |
| Improvement bonds, authorized in 1911 | | |
| (\$100,000.00) | 99,319.00 | |
| Land bonds, authorized in 1911 (\$150,000.00) | 148,978.50 | |
| Total sale of bonds | | \$403,622.50 |
| MISCELLANEOUS RECEIPTS— | | |
| Parks and parkways, land account | \$5,720.95 | |
| Parks and parkways, improvement account | 13,767.30 | |
| Parks and parkways, maintenance account | 9,352.86 | |
| Parks and parkways, The Gateway account | 35,144.43 | |
| Total from parks and parkways | | \$63,985.54 |
| Refectories and refreshment stands | | 49,993.28 |
| Boat receipts | | 15,854.66 |
| Bath house receipts | | 2,406.12 |
| Earnings of park teams | | 7,380.69 |
| Earnings of motor trucks | | 1,021.17 |
| Private work | | 2,296.53 |
| Municipal court fines | | 932.00 |
| Lake District Protective Association, advance | | 460.00 |
| Street Railway Co., interest on Queen Ave. bridge claim | | 1,604.91 |
| Finance Co. of Minnesota and Walton-Manor Development Co., advance | | 1,493.56 |
| Sale of crushed stone | | 91.95 |
| Refectory revolving fund | | 500.00 |
| All other items as per detailed statement | | 1,403.42 |
| Total receipts | | \$895,639.91 |
| City Treasurer balances, Jan. 1, 1911 | | 44,681.36 |
| City Comptroller collection account, Jan. 1, 1911 | | 7,072.74 |
| Total | | \$947,394.01 |

Disbursements

| | | |
|---|--------------|--------------|
| Land purchases and expenses incident thereto.... | \$160,715.37 | |
| Improvement of parks and parkways..... | 213,343.42 | |
| Nursery, new stock, etc..... | 4,043.55 | |
| Supplies, undistributed | 1,597.34 | |
| New tools and equipment..... | 11,044.43 | |
| Tree planting on city streets..... | 6,820.59 | |
| Refectory and refreshment stand equipment..... | 500.68 | |
| | | |
| Total betterments | | \$398,065.38 |
| Maintenance of parks and parkways..... | \$96,566.83 | |
| Miscellaneous items of park maintenance..... | 66,789.04 | |
| | | |
| Total park maintenance | | \$163,355.87 |
| Refectories and refreshment stands..... | 40,568.00 | |
| Interest and certificates..... | 184,501.60 | |
| Private work | 2,296.53 | |
| Refunds | 682.50 | |
| Refectory revolving fund..... | 500.00 | |
| | | |
| Total cash disbursements..... | | \$789,969.88 |
| BALANCES ON HAND— | | |
| City Treasurer, general fund | \$40,008.65 | |
| City Treasurer, improvement bond fund, 1907 | 5,013.93 | |
| City Treasurer, improvement bond fund, 1909 | 56,132.70 | |
| City Treasurer, improvement bond fund, 1911 | 35,714.28 | |
| City Treasurer, land bond fund, 1911..... | 18,387.20 | |
| | | |
| Total cash balance..... | | \$155,256.76 |
| City Comptroller collection account..... | 2,167.37 | |
| | | |
| Total | | \$947,394.01 |

Receipts Itemized and Distributed From Taxes and Assessments

| | | |
|---|---------------------|---------------------|
| General park tax, 1910..... | \$191,668.05 | |
| General park tax, 1909..... | 2,696.29 | |
| General park tax, 1908..... | 41.81 | |
| General park tax, 1907..... | 30.90 | |
| General park tax, 1906..... | 39.28 | |
| General park tax, 1905 and prior..... | 321.14 | |
| | <u>\$194,797.47</u> | |
| LESS REFUND BY COUNTY AUDITOR— | | |
| General park tax, 1909..... | \$9.11 | |
| General park tax, 1908..... | 24.17 | |
| General park tax, 1907..... | 4.58 | |
| General park tax, 1906..... | 2.52 | |
| General park tax, 1905 and prior..... | 6.00 | 46.38 |
| | | <u>\$194,751.09</u> |
| Park assessments, 1910..... | \$128,298.29 | |
| Park assessments, 1909..... | 3,203.33 | |
| Park assessments, 1908..... | 71.16 | |
| Park assessments, 1907..... | 7.32 | |
| Park assessments, 1906..... | 2.48 | |
| Park assessments, 1905 and prior..... | 11,163.48 | |
| | <u>\$142,746.06</u> | |
| LESS REFUND BY COUNTY AUDITOR— | | |
| Park assessments, 1909..... | 3.42 | |
| | | <u>\$142,742.64</u> |
| Tree planting assessments, 1910..... | \$2,074.23 | |
| Tree planting assessments, 1905 and prior..... | 2.67 | |
| | | <u>\$2,076.90</u> |
| Penalties and interest..... | | 583.68 |
| Mortgage registry tax..... | | 2,939.27 |
| | | <u>\$343,093.58</u> |
| Total from taxes and assessments..... | | |
| SALE OF BONDS— | | |
| Improvement bonds, issue of 1907..... | \$50,000.00 | |
| Premium on same..... | 1,775.00 | |
| | | <u>\$51,775.00</u> |
| Improvement bonds, issue of 1909..... | 100,000.00 | |
| Premium on same..... | 3,550.00 | |
| | | <u>103,550.00</u> |
| Improvement bonds, issue of 1911 (\$100,000)..... | | 99,319.00 |
| Land bonds, issue of 1911 (\$150,000)..... | | 148,978.50 |
| | | <u>\$403,622.50</u> |
| Total from sale of bonds..... | | |

Miscellaneous Receipts

Parks and Parkways (Land)

| | | |
|---|----------|------------|
| CEDAR LAKE BOULEVARD— | | |
| Refund on taxes..... | | \$1.45 |
| GLENWOOD PARK— | | |
| Sale of houses..... | | 471.00 |
| LAKE CALHOUN— | | |
| Sale of houses..... | | 50.00 |
| POWDERHORN LAKE PARK— | | |
| Sale of houses..... | | 1,633.00 |
| PLAYGROUNDS— | | |
| Option on land (refund)..... | | 125.00 |
| GLENWOOD-CAMDEN PARKWAY— | | |
| Sale of houses..... | \$28.00 | |
| Warrant canceled and returned to City Treasurer | 3,412.50 | 3,440.50 |
| Total receipts parks and parkways (land account) | | \$5,720.95 |

Parks and Parkways (Imp.)

| | | |
|---|------------|-------------|
| COLUMBIA PARK— | | |
| M., St. P. & S. Ste. M. Ry. Co., change in roadway | | \$1,426.91 |
| LAKE CALHOUN— | | |
| St. Ry. Co., share Lake St. bridge..... | \$7,025.66 | |
| St. Ry. Co. filling and grading Lake St. | 190.39 | |
| City of Minneapolis grading and labor near Lake St..... | 630.22 | |
| Pay roll check returned..... | 2.25 | 7,848.52 |
| LAKE HARRIET— | | |
| St. Ry. Co. Queen Ave. bridge claim (exclusive of interest)..... | | 4,420.95 |
| LAKE OF THE ISLES— | | |
| Overestimated time on payroll..... | \$5.67 | |
| Payroll checks returned..... | 61.25 | 66.92 |
| TRIANGLES— | | |
| Refund, water tap..... | | 4.00 |
| Total receipts, parks and parkways (im- provement account) | | \$13,767.30 |

Parks and Parkways (Maint.)

| | | |
|-----------------------------------|----------|----------------|
| CAMDEN PARK— | | |
| Skate rentals, etc..... | \$48.15 | |
| Boat and canoe permits..... | 16.50 | |
| | | <hr/> \$64.65 |
| CEDAR LAKE BOULEVARD— | | |
| Bathing privilege | | 50.00 |
| COLUMBIAN PARK— | | |
| Sale of hay | | 175.00 |
| GLENWOOD PARK— | | |
| Rents | 754.00 | |
| Refreshment privilege | 100.00 | |
| Reduction on insurance..... | 1.40 | |
| Returned premium on insurance.. | 4.35 | |
| Sale of old material..... | 5.00 | |
| | | <hr/> 864.75 |
| JACKSON SQUARE— | | |
| Skate rentals, etc..... | 29.90 | |
| Payroll check returned | 3.00 | |
| | | <hr/> 32.90 |
| KENWOOD PARK— | | |
| Sale of hay | | 10.00 |
| LAKE CALHOUN— | | |
| Boat privilege | 100.00 | |
| Boat and canoe permits..... | 1,077.00 | |
| Sale of sawdust..... | 2.00 | |
| | | <hr/> 1,179.00 |
| LAKE HARRIET— | | |
| Skate rentals, etc..... | 39.00 | |
| Boat and canoe permits..... | 2,028.00 | |
| | | <hr/> 2,067.00 |
| LAKE OF THE ISLES— | | |
| Skate rentals, etc..... | 99.50 | |
| Boat and canoe permits..... | 1,028.50 | |
| Broken lamp dome replaced..... | .85 | |
| | | <hr/> 1,128.85 |
| LAKE NOKOMIS— | | |
| Rents | | 340.00 |
| LOGAN PARK— | | |
| Payroll check returned..... | | 3.11 |
| LORING PARK— | | |
| Skate rentals, etc..... | 185.65 | |
| Payroll check returned..... | 4.50 | |
| | | <hr/> 190.15 |
| LYNDALE FARMSTEAD— | | |
| Pasture and barn privilege, etc.. | | 72.00 |

| | | |
|--|-----------|-------------|
| LYNDALE PARK— | | |
| Sale of hay | 18.00 | |
| Unearned premium on hay ins.... | 2.55 | |
| | | 20.55 |
| MINNEHAHA PARK— | | |
| Sundry privileges | | 650.00 |
| NORTH COMMONS— | | |
| Skate rentals, etc..... | | 23.55 |
| POWDERHORN LAKE PARK— | | |
| Skate rentals, etc..... | 185.55 | |
| Sale of standing grass..... | 5.00 | |
| Rents | 20.00 | |
| | | |
| | \$210.55 | |
| Less rent bills canceled..... | 35.00 | |
| | | 175.55 |
| THE GATEWAY— | | |
| Unearned premium on canceled policy | \$41.75 | |
| Rents | 34,937.71 | |
| Water rents | 152.82 | |
| Plumbing improvements paid by tenant | 12.15 | |
| | | 35,144.43 |
| THE PARADE— | | |
| Rents | | 2,268.95 |
| VAN CLEVE PARK— | | |
| Skate rentals, etc..... | | 31.85 |
| BRYN MAWR MEADOWS— | | |
| Sale of hay..... | | 5.00 |
| | | |
| Total receipts, parks and parkways (maintenance account) | | \$44,497.29 |

Sundries**ADMINISTRATION EXPENSE—**

| | | |
|--|---------|----------------|
| City Clerk, 400 copies Annual report | \$75.00 | |
| Long distance telephone charges | 11.15 | |
| | | \$86.15 |

CRUSHED STONE—

| | | |
|------------------------------|-------|--------------|
| Sold to Chas. Snyder | 8.75 | |
| Sold to Minnehaha Park | 83.20 | |
| | | 91.95 |

FLORICULTURE—

| | | |
|-----------------------------|-------|--------------|
| Sale of plants..... | 12.32 | |
| Payroll check returned..... | 6.75 | |
| | | 19.07 |

GENERAL MAINTENANCE—

| | | |
|-----------------------|--|------------|
| Sale of gasoline..... | | .25 |
|-----------------------|--|------------|

MAINTENANCE AND REPAIR TOOLS—

| | | |
|--------------------------------|-------|--------------|
| Sale of scrap iron..... | 3.60 | |
| Use of road roller..... | 30.00 | |
| Refund on express charges..... | 9.00 | |
| Sale of paint and putty..... | 1.40 | |
| | | 44.00 |

NURSERY—

| | | |
|---------------------|--|-------------|
| Sale of plants..... | | 3.00 |
|---------------------|--|-------------|

PARK TEAMS—

| | | |
|-------------------------------|--|-----------------|
| Earnings as per payrolls..... | | 7,380.69 |
|-------------------------------|--|-----------------|

MOTOR TRUCKS—

| | | |
|-------------------------------|--|-----------------|
| Earnings as per payrolls..... | | 1,021.17 |
|-------------------------------|--|-----------------|

PRIVATE WORK—

| | | |
|--|--|-----------------|
| Work performed and charged to others | | 2,296.53 |
|--|--|-----------------|

STREET FORESTRY—

| | | |
|----------------------------|--|-------------|
| Putting in tree bolts..... | | 2.75 |
|----------------------------|--|-------------|

STREET TREE PLANTING—

| | | |
|------------------------|--|-------------|
| Planting elm tree..... | | 6.00 |
|------------------------|--|-------------|

TOOLS AND PERSONAL PROPERTY—

| | | |
|------------------------------|--------|---------------|
| Sale of horse..... | 185.00 | |
| Sale of crushed stone..... | 154.50 | |
| Sale of motorcycles..... | 136.00 | |
| Sale of row boats..... | 95.00 | |
| Charge for lost tools..... | 12.20 | |
| Refund for broken domes..... | 10.50 | |
| Rent of ice planer..... | 24.00 | |
| | | 617.20 |

PLUMBERS' DEPOSITS—

| | | |
|---|--|---------------|
| For permission to make street connections | | 625.00 |
|---|--|---------------|

MUNICIPAL COURT FINES—

| | | |
|-----------------------------------|--|---------------|
| Violation of park ordinances..... | | 932.00 |
|-----------------------------------|--|---------------|

LAKE DISTRICT PROTECTIVE ASSOCIATION—

| | |
|--|--------|
| Advance for appraisal of 29th St. boulevard | 460.00 |
|--|--------|

STREET RAILWAY COMPANY—

| | |
|--|----------|
| Interest on Queen Ave. bridge claim | 1,604.91 |
|--|----------|

FINANCE CO. OF MINN. AND WAL-
TON-MANOR DEVELOPMENT
CO.—

| | |
|--|----------|
| Advance for improvement of Dean boulevard | 1,493.56 |
|--|----------|

REFECTORY REVOLVING FUND—

| | |
|---|--------|
| Withdrawn from bank during closed season | 500.00 |
|---|--------|

REFRESHMENT STANDS—

| | | |
|----------------------------------|--------|----------|
| Camden Park, sales..... | 861.91 | |
| Jackson Square, sales..... | 105.60 | |
| Lake of the Isles, sales..... | 259.50 | |
| Loring Park, sales..... | 504.50 | |
| North Commons, sales..... | 109.70 | |
| Powderhorn Lake Park, sales..... | 441.55 | |
| | <hr/> | 2,282.76 |

LAKE HARRIET REFECTORY—

| | | |
|-----------------------------|-----------|-----------|
| Sales | 25,969.41 | |
| Sale of ice..... | .23 | |
| Payroll check returned..... | 1.00 | |
| Sale of vegetables | 34.22 | |
| | <hr/> | 26,004.86 |

MINNEHAHA REFECTORY—

| | | |
|---|-----------|-----------|
| Sales | 20,950.09 | |
| Sale of vegetables..... | 34.22 | |
| Sale of temporary electric feed wires, etc. | 721.35 | |
| | <hr/> | 21,705.66 |

BATHS—

| | | |
|--|----------|----------|
| Lake Calhoun, rooms, suits, towels, etc. | 1,906.90 | |
| Camden Park, suits, towels, etc.. | 499.22 | |
| | <hr/> | 2,406.12 |

LAKE CALHOUN BOATS—

| | |
|--------------------------------|----------|
| Row and sail boat rentals..... | 2,666.65 |
|--------------------------------|----------|

LAKE HARRIET BOATS—

| | | |
|---------------------------------|-----------|-----------|
| Canoe and row boat rentals..... | 12,687.45 | |
| Payroll check returned | .56 | |
| | <hr/> | 12,688.01 |

| | | |
|-------------------------------|-------|-------------|
| Total receipts, sundries..... | <hr/> | \$84,938.29 |
|-------------------------------|-------|-------------|

SUMMARY—

| | |
|---|-----------------|
| Parks and parkways (land account) | \$5,720.95 |
| Parks and parkways (improvement account)..... | 13,767.30 |
| Parks and parkways (maintenance account)..... | 44,497.29 |
| Sundries | <hr/> 84,938.29 |

| | | |
|-----------------------------------|-------|--------------|
| Total miscellaneous receipts..... | <hr/> | \$149,128.83 |
|-----------------------------------|-------|--------------|

Disbursements Itemized and Distributed

LAND PURCHASES—

| | |
|--|--------------|
| Audubon Park | \$28.39 |
| Block 3, St. Anthony Falls..... | 150.00 |
| Bryant Square | 1.00 |
| Bryn Mawr Meadows | 852.53 |
| Camden Park | 1.00 |
| Cedar Lake Boulevard..... | 155.10 |
| Columbia Park | 14,153.45 |
| Dorilus Morrison Park..... | 36.01 |
| East Minneapolis Parkway Extension..... | 175.06 |
| Elliot Park | 18.07 |
| Euclid Triangle | 1.00 |
| Farwell Park | 26.53 |
| Glenwood Park | 573.09 |
| Glenwood-Camden Parkway | 91,922.01 |
| Groveland Triangle | 5.41 |
| Hiawatha Triangle | 14.83 |
| Humboldt Triangle | 15.75 |
| Interlachen | 1.00 |
| Kenwood Park | 1.00 |
| Lake Calhoun | 18.96 |
| Lake of the Isles..... | 1,287.12 |
| Lake Nokomis | 3.50 |
| Longfellow Field | 7,140.38 |
| Lyndale Farmstead | 1.00 |
| Lyndale Park | 1.00 |
| North Commons | 1.00 |
| Oak Lake Parks..... | 5.45 |
| Powderhorn Lake Park..... | 25.48 |
| Richard Chute Square..... | 1.00 |
| Riverside Park enlargement..... | 16,140.09 |
| St. Anthony Parkway (River Road East)..... | 2.00 |
| Stevens Square | 1.00 |
| Sumner Field | 15,764.68 |
| The Gateway | 1.00 |
| The Parade | 47.35 |
| Tower Hill | 1.00 |
| Triangles | 125.80 |
| Twenty-ninth St. Boulevard..... | 130.99 |
| West Riverside Park (River Road West)..... | 3.64 |
| Playgrounds (undistributed) | 11,881.70 |
| Total land purchases..... | \$160,715.37 |

IMPROVEMENTS—

| | |
|---------------------------|----------|
| Audubon Park | \$68.48 |
| Bryant Square | 164.76 |
| Camden Park | 2,180.08 |
| Cedar Lake Boulevard..... | 213.65 |

(Continued next page.)

Disbursements Itemized and Distributed (Continued)

| | |
|--|-----------|
| Columbia Park | 1,452.63 |
| Dean Boulevard | 1,504.96 |
| Dorilus Morrison Park..... | 36.52 |
| Elliot Park | 1,842.13 |
| Farview Park | 16.78 |
| Farwell Park | 1,299.31 |
| Forest Heights Parks..... | 809.46 |
| Franklin Steel Square..... | 311.83 |
| Glenwood Park | 860.48 |
| Groveland Triangle | 131.04 |
| Hiawatha Triangle | 11.56 |
| Humboldt Triangle | 423.73 |
| Jackson Square | 411.95 |
| Kenwood Park | 933.93 |
| Kenwood Parkway | 2.25 |
| King's Highway | 2,468.81 |
| Lake Calhoun | 75,741.83 |
| Lake Harriet | 4,613.53 |
| Lake of the Isles..... | 93,499.34 |
| Lake Nokomis | 904.94 |
| Logan Park | 157.45 |
| Loring Park | 2,754.89 |
| Lyndale Farmstead | 700.07 |
| Lyndale Park | 3,532.34 |
| Minnehaha Park | 1,654.78 |
| Minnehaha Parkway | 156.82 |
| North Commons | 3,556.09 |
| Powderhorn Lake Park..... | 2,396.17 |
| Riverside Park | 13.36 |
| St. Anthony Parkway (River Road East)..... | 2,615.20 |
| Stevens Square | 1,011.49 |
| Stinson Boulevard | 1,495.46 |
| The Gateway | 432.00 |
| The Parade | 413.15 |
| Tower Hill | 171.88 |
| Triangles | 1,663.91 |
| Van Cleve Park..... | 101.60 |
| West Riverside Park (River Road West)..... | 256.29 |
| Wilson Park | 76.92 |
| Windom Park | 280.47 |

| | |
|--|---------------------|
| Total improvements, parks and parkways | \$213,343.42 |
|--|---------------------|

MISCELLANEOUS—

| | |
|--|------------|
| Nursery, addition to stock..... | \$4,043.55 |
| Supplies, undistributed | 1,597.34 |
| New tools and equipment..... | 11,044.43 |
| Tree planting on city streets..... | 6,820.59 |
| Refectory and refreshment stand equipment... | 500.68 |

| | |
|---------------------------|--------------------|
| Total miscellaneous | \$24,006.59 |
|---------------------------|--------------------|

| | |
|--------------------------------|---------------------|
| Total for all betterments..... | \$398,065.38 |
|--------------------------------|---------------------|

Maintenance of Parks and Parkways

| | |
|--|-----------|
| Barnes Place | \$150.61 |
| Camden Park | 3,540.93 |
| Columbia Park | 591.46 |
| Dean Boulevard | 395.98 |
| Elliot Park | 1,077.82 |
| Euclid Triangle | 180.25 |
| Farview Park | 2,545.13 |
| Forest Heights Parks..... | 275.51 |
| Franklin Steele Square..... | 437.26 |
| Glenwood Park | 1,966.69 |
| Groveland Triangle | 67.86 |
| Hiawatha Triangle | 9.55 |
| Humboldt Triangle | 152.54 |
| Interlachen | 606.25 |
| Jackson Square | 1,570.17 |
| Kenwood Park | 217.89 |
| Kenwood Parkway | 2,949.79 |
| King's Highway | 1,272.53 |
| Lake Calhoun | 4,215.57 |
| Lake Harriet | 13,946.97 |
| Lake of the Isles..... | 6,985.02 |
| Lake Nokomis..... | 320.39 |
| Logan Park | 2,499.96 |
| Loring Park | 6,825.01 |
| Lovell Square | 216.80 |
| Lyndale Farmstead | 1,576.31 |
| Lyndale Park | 1,993.70 |
| Maple Hill | 523.76 |
| Minnehaha Park | 7,505.86 |
| Minnehaha Parkway | 2,233.25 |
| Murphy Square | 685.24 |
| North Commons | 2,555.52 |
| Oak Lake Parks..... | 128.76 |
| Powderhorn Lake Park..... | 3,596.28 |
| Richard Chute Square..... | 352.22 |
| Riverside Park | 2,477.08 |
| St. Anthony Parkway (River Road East)..... | 2,486.28 |
| Stevens Square | 345.83 |
| Stinson Boulevard | 137.12 |
| The Gateway | 8,314.15 |
| The Parade | 1,078.88 |
| Tower Hill | 135.54 |
| Triangles | 1,753.68 |
| Van Cleve Park..... | 2,307.76 |
| West Riverside Park (River Road West)..... | 1,962.83 |
| Wilson Park | 442.47 |
| Windom Park | 956.37 |

Total maintenance, parks and parkways...

\$96,566.83

Miscellaneous Items of Maintenance

| | | |
|--|------------|--------------|
| Administration expense | \$9,489.25 | |
| Care of animals | 1,396.99 | |
| General maintenance | 6,968.34 | |
| Maintenance and repair tools..... | 7,258.05 | |
| Lake Calhoun baths..... | 1,738.79 | |
| Camden Baths | 2,075.11 | |
| Lake Calhoun boats..... | 2,010.11 | |
| Lake Harriet boats..... | 5,837.78 | |
| Music and incidental expenses..... | 10,744.53 | |
| Park teams, keep of teams and wages..... | 5,872.38 | |
| Motor trucks, expense and wages..... | 840.48 | |
| Salaries of officers..... | 10,000.00 | |
| Street forestry | 2,557.23 | |
| <hr/> | | |
| Total miscellaneous | | \$66,789.04 |
| <hr/> | | |
| Total maintenance | | \$163,355.87 |

Refectories and Refreshment Stand

| | | |
|--|-------------|-------------|
| Lake Harriet refectory, labor, supplies, etc.... | \$21,328.46 | |
| Minnehaha refectory, labor, supplies, etc..... | 16,734.25 | |
| Camden Park refreshment stand, labor, sup- plies, etc. | 861.19 | |
| Jackson Square refreshment stand, labor, sup- plies, etc. | 198.09 | |
| Lake of the Isles refreshment stand, labor sup- plies, etc. | 314.83 | |
| Loring Park refreshment stand, labor, supplies, etc. | 462.80 | |
| North Commons refreshment stand, labor, sup- plies, etc. | 226.03 | |
| Powderhorn Lake Park refreshment stand, labor, supplies, etc..... | 442.35 | |
| <hr/> | | |
| Total expenditures, refectories and stands | | \$40,568.00 |

Interest and Certificates

INTEREST—

| | |
|--------------------------------------|-------------|
| On \$818,000.00 city park bonds..... | \$34,985.00 |
|--------------------------------------|-------------|

CERTIFICATES OF INDEBTEDNESS—

| | |
|-------------------------------------|-------------|
| The Parade, coupons No. 7..... | \$10,312.74 |
| Bryant Square, coupons No. 7..... | 766.00 |
| Jackson Square, coupons No. 4..... | 341.25 |
| Tower Hill, coupons No. 4..... | 1,950.00 |
| Euclid Triangle, coupons No. 4..... | 265.00 |
| North Commons, coupons No. 4..... | 4,875.00 |

(Continued next page)

Interest and Certificates—Continued

| | | |
|--|-----------|--------------|
| Lake Calhoun, coupons No. 4..... | 1,365.00 | |
| Kenwood Park, coupons No. 4..... | 16,218.76 | |
| The Parade enlargement, coupons No. 4..... | 2,739.00 | |
| Lake Calhoun enlargement, coupons No. 3.... | 2,118.90 | |
| Minnehaha Park enlargement, coupons No. 3 | 893.60 | |
| Stevens Square, coupons No. 3..... | 4,160.00 | |
| St. Anthony Parkway, coupons No. 3..... | 153.00 | |
| Lake Nokomis, coupons No. 3..... | 5,558.85 | |
| Lyndale Farmstead, coupons No. 3..... | 1,330.00 | |
| Lake of the Isles, coupons No. 3..... | 637.00 | |
| Powderhorn Lake Park enlargement, coupons No. 3 | 3,305.90 | |
| Camden Park, coupons No. 3..... | 5,076.50 | |
| The Gateway, coupons No. 2..... | 63,451.00 | |
| Cedar Lake Boulevard, coupons No. 2..... | 645.30 | |
| Powderhorn Lake Park enlargement, coupons No. 2 | 721.50 | |
| Glenwood Park, Cert. Nos. 813, 814, 815, 817, coupons No. 2..... | 978.00 | |
| Elliot Park enlargement, coupons No. 2..... | 3,027.20 | |
| Glenwood Park, Cert. Nos. 834-839, 841-845, 847-851, coupons No. 1..... | 15,305.00 | |
| Lake of the Isles, coupons No. 1..... | 1,066.70 | |
| Groveland Triangle, coupons No. 1..... | 864.40 | |
| Audubon Park, coupons No. 1..... | 520.00 | |
| Hiawatha Triangle, coupons No. 1..... | 286.00 | |
| Powderhorn Lake Park enlargement, coupons No. 1 | 585.00 | 149,516.60 |
| Total interest and certificates..... | | \$184,501.60 |

All Other Items

| | | |
|--|------------|--------------|
| PRIVATE WORK— | | |
| Labor performed, etc., for others..... | \$2,296.53 | |
| PLUMBERS' DEPOSITS— | | |
| Refunds after repair of streets..... | 600.00 | |
| TREE PLANTING ASSESSMENTS REFUNDED— | | |
| For error in assessments..... | 82.50 | |
| REFECTORY REVOLVING FUND— | | |
| For payment of transient employees..... | 500.00 | |
| Total sundries | | \$3,479.03 |
| Total disbursements for the year..... | | \$789,969.88 |

For more detailed statement of expenditures, see table in superintendent's report.

Respectfully submitted,

J. A. RIDGWAY,

Secretary.

Table "A"

Showing net cost of land during the year 1911 after deducting sundry credits

| NAME | Expenditures | Receipts | Net Cost |
|---|--------------|------------|--------------|
| Audubon Park | \$28.39 | | \$28.39 |
| Block 3, St. Anthony Falls | 150.00 | | 150.00 |
| Bryant Square | 1.00 | | 1.00 |
| Bryn Mawr Meadows | 852.53 | | 852.53 |
| Camden Park | 1.00 | | 1.00 |
| Cedar Lake Boulevard | 155.10 | \$1.45 | 153.65 |
| Columbia Park | 14,153.45 | | 14,153.45 |
| Dorilus Morrison Park | 36.01 | | 36.01 |
| East Mpls. Pkway. Extension | 175.06 | | 175.06 |
| Elliot Park | 18.07 | | 18.07 |
| Euclid Triangle | 1.00 | | 1.00 |
| Farwell Park | 26.53 | | 26.53 |
| Glenwood Park | 573.09 | 471.00 | 102.09 |
| Glenwood-Camden Parkway | 91,922.01 | 3,440.50 | 88,481.51 |
| Groveland Triangle | 5.41 | | 5.41 |
| Hiawatha Triangle | 14.83 | | 14.83 |
| Humboldt Triangle | 15.75 | | 15.75 |
| Interlachen | 1.00 | | 1.00 |
| Kenwood Park | 1.00 | | 1.00 |
| Lake Calhoun | 18.96 | 50.00 | Credit |
| Lake of Isles | 1,287.12 | | 1,287.12 |
| Lake Nokomis | 3.50 | | 3.50 |
| Longfellow Field | 7,140.38 | | 7,140.38 |
| Lyndale Farmstead | 1.00 | | 1.00 |
| Lyndale Park | 1.00 | | 1.00 |
| North Commons | 1.00 | | 1.00 |
| Oak Lake Park | 5.45 | | 5.45 |
| Powderhorn Lake Park | 25.48 | 1,633.00 | Credit |
| Richard Chute Square | 1.00 | | 1.00 |
| Riverside Park (enlargement) | 16,140.09 | | 16,140.09 |
| St. Anthony Parkway (River Road East) | 2.00 | | 2.00 |
| Stevens Square | 1.00 | | 1.00 |
| Sumner Field | 15,792.37 | | 15,792.37 |
| The Gateway | 1.00 | | 1.00 |
| The Parade | 47.35 | | 47.35 |
| Tower Hill | 1.00 | | 1.00 |
| Triangle | 125.80 | | 125.80 |
| Twenty-ninth Street Boulevard | 130.99 | | 130.99 |
| West Riverside Park (River Road West) | 3.64 | | 3.64 |
| Playgrounds (undistributed) | 11,854.01 | 125.00 | 11,729.01 |
| Total | \$160,715.37 | \$5,720.95 | \$156,632.98 |
| Deduct excess of credits as follows: | | | |
| Lake Calhoun | \$31.04 | | |
| Powderhorn Park | 1,607.52 | | |
| | | | 1,638.56 |
| Net total parks and parkways... | \$160,715.37 | \$5,720.95 | \$154,994.42 |

Table "B"

Showing net cost of improvements during the year 1911 after deducting sundry credits.

| NAME | Expenditures | Receipts | Net Cost |
|---|--------------|-------------|--------------|
| Audubon Park | \$68.48 | | \$68.48 |
| Bryant Square | 164.76 | | 164.76 |
| Camden Park | 2,180.08 | | 2,180.08 |
| Cedar Lake Boulevard | 213.65 | | 213.65 |
| Columbia Park | 1,452.63 | \$1,426.91 | 25.72 |
| Dean Boulevard | 1,504.96 | | 1,504.96 |
| Dorilus Morrison Park | 36.52 | | 36.52 |
| Elliot Park | 1,842.13 | | 1,842.13 |
| Farview Park | 16.78 | | 16.78 |
| Farwell Park | 1,299.31 | | 1,299.31 |
| Forest Heights Parks | 809.46 | | 809.46 |
| Franklin Steele Square | 311.83 | | 311.83 |
| Glenwood Park | 860.48 | | 860.48 |
| Groveland Triangle | 131.04 | | 131.04 |
| Hiawatha Triangle | 11.56 | | 11.56 |
| Humboldt Triangle | 423.73 | | 423.73 |
| Jackson Square | 411.95 | | 411.95 |
| Kenwood Park | 933.93 | | 933.93 |
| Kenwood Parkway | 2.25 | | 2.25 |
| King's Highway | 2,468.81 | | 2,468.81 |
| Lake Calhoun | 75,741.83 | 7,848.52 | 67,893.31 |
| Lake Harriet | 4,613.53 | 4,420.95 | 192.58 |
| Lake of the Isles | 93,499.34 | 66.92 | 93,432.42 |
| Lake Nokomis | 904.94 | | 904.94 |
| Logan Park | 157.45 | | 157.45 |
| Loring Park | 2,754.89 | | 2,754.89 |
| Lyndale Farmstead | 700.07 | | 700.07 |
| Lyndale Park | 3,532.34 | | 3,532.34 |
| Minnehaha Park | 1,654.78 | | 1,654.78 |
| Minnehaha Parkway | 156.82 | | 156.82 |
| North Commons | 3,556.09 | | 3,556.09 |
| Powderhorn Lake Park | 2,396.17 | | 2,396.17 |
| Riverside Park | 13.36 | | 13.36 |
| St. Anthony Parkway (River Road East) | 2,615.20 | | 2,615.20 |
| Stevens Square | 1,011.49 | | 1,011.49 |
| Stinson Boulevard | 1,495.46 | | 1,495.46 |
| The Gateway | 432.00 | | 432.00 |
| The Parade | 413.15 | | 413.15 |
| Tower Hill | 171.88 | | 171.88 |
| Triangles | 1,663.91 | 4.00 | 1,659.91 |
| Van Cleve Park | 101.60 | | 101.60 |
| West Riverside Park (River Road West) | 256.29 | | 256.29 |
| Wilson Park | 76.02 | | 76.02 |
| Windom Park | 280.47 | | 280.47 |
| Net total parks and parkways.... | \$213,343.42 | \$13,767.30 | \$199,576.12 |
| Crushed stone account | | 91.95 | Credit |
| Nursery addition to stock | 4,043.55 | 3.00 | 4,040.55 |
| Supplies undistributed | 1,597.34 | | 1,597.34 |
| New tools and equipment | 11,044.43 | 617.20 | 10,427.23 |
| Tree planting on city streets | 6,820.59 | 6.00 | 6,814.59 |
| Refectory and refreshment stand equipment | 500.68 | | 500.68 |
| | \$24,006.59 | \$718.15 | \$23,380.39 |
| Less excess credit, crushed stone account | | | 91.95 |
| Net total miscellaneous items.... | \$24,006.59 | \$718.15 | \$23,288.44 |
| Net total parks and parkways.... | | | 199,576.12 |
| Grand total | | | \$222,864.56 |

Table "C"

Showing net cost of maintenance during the year 1911 after deducting credits on account of sundry receipts from rentals, privileges, refreshment stands, sales of wood, hay, etc., and earnings of park teams and motor trucks.

| NAME | Expenditures | Receipts | Net Cost |
|--|--------------|------------|-------------|
| Barnes Place | \$150.61 | | \$150.61 |
| Bryn Mawr Meadows | | \$5.00 | Credit |
| Camden Park | 3,540.93 | 64.65 | 3,476.28 |
| Cedar Lake Boulevard | | 50.00 | Credit |
| Columbia Park | 591.46 | 175.00 | 416.46 |
| Dean Boulevard | 395.98 | | 395.98 |
| Elliot Park | 1,077.82 | | 1,077.82 |
| Euclid Triangle | 180.25 | | 180.25 |
| Farview Park | 2,545.13 | | 2,545.13 |
| Forest Heights Parks | 275.51 | | 275.51 |
| Franklin Steele Square | 437.26 | | 437.26 |
| Glenwood Park | 1,966.69 | 864.75 | 1,101.94 |
| Groveland Triangle | 67.86 | | 67.86 |
| Hiawatha Triangle | 9.55 | | 9.55 |
| Humboldt Triangle | 152.54 | | 152.54 |
| Interlachen | 606.25 | | 606.25 |
| Jackson Square | 1,570.17 | 32.90 | 1,537.27 |
| Kenwood Park | 217.89 | 10.00 | 207.89 |
| Kenwood Parkway | 2,949.79 | | 2,949.79 |
| King's Highway | 1,272.53 | | 1,272.53 |
| Lake Calhoun | 4,215.57 | 1,179.00 | 3,036.57 |
| Lake Harriet | 13,946.97 | 2,067.00 | 11,879.97 |
| Lake of the Isles | 6,985.02 | 1,128.85 | 5,856.17 |
| Lake Nokomis | 320.39 | 340.00 | Credit |
| Logan Park | 2,499.96 | 3.11 | 2,496.85 |
| Loring Park | 6,824.01 | 190.15 | 6,634.86 |
| Lovell Square | 216.80 | | 216.80 |
| Lyndale Farmstead | 1,576.31 | 72.00 | 1,504.31 |
| Lyndale Park | 1,993.70 | 20.55 | 1,973.15 |
| Maple Hill | 523.76 | | 523.76 |
| Minnehaha Park | 7,505.86 | | 6,855.86 |
| Minnehaha Parkway | 2,233.25 | 650.00 | 2,233.25 |
| Murphy Square | 685.24 | | 685.24 |
| North Commons | 2,555.52 | 23.55 | 2,531.97 |
| Oak Lake Parks | 128.76 | | 128.76 |
| Powderhorn Lake Park | 3,596.28 | 175.55 | 3,420.73 |
| Richard Chute Square | 352.22 | | 352.22 |
| Riverside Park | 2,477.08 | | 2,477.08 |
| St. Anthony Parkway (River Road East) | 2,486.28 | | 2,486.28 |
| Stevens Square | 345.83 | | 345.83 |
| Stinson Boulevard | 137.12 | | 137.12 |
| The Parade | 1,078.88 | 2,268.95 | Credit |
| Tower Hill | 135.54 | | 135.54 |
| Triangle | 1,753.68 | | 1,753.68 |
| Van Cleve Park | 2,307.76 | 31.85 | 2,275.91 |
| West Riverside Park (River Road West) | 1,962.83 | | 1,962.83 |
| Wilson Park | 442.47 | | 442.47 |
| Windom Park | 956.37 | | 956.37 |
| Total parks and parkways | \$88,252.68 | \$9,352.86 | \$80,164.50 |
| Deduct excess credit on Bryn Mawr Meadows, Cedar Lake, Lake Nokomis and The Parade | | | 1,264.68 |
| Net total parks and parkways carried forward | | | \$78,899.82 |

N. B.—This does not include the Gateway excess credit \$26,830.28.

Table "C"—Continued
Miscellaneous

| NAME | Expenditures | Receipts | Net Cost |
|---------------------------------------|--------------|-------------|--------------|
| Administration Expenses | \$9,489.25 | \$86.15 | \$9,403.10 |
| Animals | 1,396.99 | ..... | 1,396.99 |
| Camden Baths | 2,075.11 | 499.22 | 1,575.89 |
| Camden Park Refreshment Stand... | 861.19 | 861.91 | Credit |
| Floriculture ..... | ..... | 19.07 | Credit |
| General Maintenance | 6,968.34 | .25 | 6,968.09 |
| Jackson Square Refreshment Stand.. | 198.09 | 105.60 | 92.49 |
| Lake Calhoun Bath House | 1,738.79 | 1,906.90 | Credit |
| Lake Calhoun Boats | 2,010.11 | 2,666.65 | Credit |
| Lake Harriet Boats | 5,837.78 | 12,688.01 | Credit |
| Lake Harriet Refectory | 21,328.46 | 26,004.86 | Credit |
| Lake of Isles Refreshment Stand | 314.83 | 259.50 | 55.33 |
| Loring Park Refreshment Stand | 462.80 | 504.50 | Credit |
| Minnehaha Park Refectory | 16,734.25 | 21,705.66 | Credit |
| Maintenance and Repair Tools | 7,258.05 | 44.00 | 7,214.05 |
| Motor Trucks | 840.48 | 1,021.17 | Credit |
| Music | 10,744.53 | ..... | 10,744.83 |
| North Commons Refreshment Stand.. | 226.03 | 109.70 | 116.33 |
| Park Teams | 5,872.38 | 7,380.69 | Credit |
| Powderhorn Park Refreshment Stand | 442.35 | 441.55 | .80 |
| Salaries of Officers | 10,000.00 | ..... | 10,000.00 |
| Street Forestry | 2,557.23 | 2.75 | 2,554.48 |
| Total miscellaneous | \$107,357.04 | \$76,308.14 | \$50,122.08 |
| Less excess credits, as follows: | | | |
| Camden Park Refreshment Stand | \$0.72 | ..... | ..... |
| Floriculture | 19.07 | ..... | ..... |
| Lake Calhoun Bath House | 168.11 | ..... | ..... |
| Lake Calhoun Boats | 656.54 | ..... | ..... |
| Lake Harriet Boats | 6,850.23 | ..... | ..... |
| Lake Harriet Refectory | 4,676.40 | ..... | ..... |
| Loring Pk. Refreshment Stand | 41.70 | ..... | ..... |
| Minnehaha Refectory | 4,971.41 | ..... | ..... |
| Motor Trucks | 180.69 | ..... | ..... |
| Park Teams | 1,508.31 | ..... | ..... |
| | | | \$19,073.18 |
| Net total miscellaneous items | | | \$31,048.90 |
| Net total parks and pathways | | | 78,899.82 |
| Net total maintenance* | | | \$109,948.72 |

*Exclusive of the Gateway.

Table "D"

Showing conditions of special funds, December 31, 1911.

\$50,000.00 Improvement Bond Issue 1907 (Sold 1911)

| NAME | Appropriation | Expenditure | Balance in Fund |
|-----------------------------|---------------|-------------|-----------------|
| Lake of the Isles Park..... | \$28,000.00 | \$28,000.00 | ..... |
| Lyndale Park | 3,000.00 | 3,000.00 | ..... |
| Lake Harriet | 3,600.00 | 3,600.00 | ..... |
| Jackson Square | 800.00 | 404.71 | \$395.29 |
| Stevens Square | 1,000.00 | 1,000.00 | ..... |
| Camden Park | 3,000.00 | 1,936.52 | 1,063.48 |
| Playgrounds | 900.00 | 844.77 | 55.23 |
| Oiling new roads..... | 1,000.00 | 1,000.00 | ..... |
| Lyndale Farmstead | 400.00 | 375.07 | 24.93 |
| St. Anthony Parkway..... | 2,600.00 | 2,600.00 | ..... |
| Minnehaha Park | 1,000.00 | 1,000.00 | ..... |
| Loring Park | 1,500.00 | 1,500.00 | ..... |
| Lake Harriet | 500.00 | 500.00 | ..... |
| Farwell Park | 1,000.00 | 1,000.00 | ..... |
| Reserve Undesignated | 3,475.00 | ..... | 3,475.00 |
| Totals | \$51,775.00 | \$46,761.07 | \$5,013.93 |

\$525,000 Improvement Bond Issue of 1911 (\$100,000 Sold 1911)

| NAME | Appropriation | Expenditure | Balance in Fund |
|---|---------------|-------------|-----------------|
| Lake Calhoun and L. Isles (bridges).. | \$33,500.00 | \$33,500.00 | ..... |
| Glenwood Park | 1,000.00 | 860.48 | \$139.52 |
| Stinson Boulevard | 1,000.00 | 1,000.00 | ..... |
| King's Highway | 2,500.00 | 2,468.81 | 31.19 |
| The Parade | 1,000.00 | 263.51 | 736.49 |
| Calhoun Bath House..... | 5,000.00 | *12,410.61 | ..... |
| North Commons | 5,000.00 | 3,513.11 | 1,486.89 |
| Powderhorn Lake Park..... | 2,500.00 | 2,388.92 | 111.08 |
| Elliot Park | 3,000.00 | 1,342.13 | 1,657.87 |
| Lake Nokomis | 1,000.00 | 722.65 | 277.35 |
| Kenwood Park | 1,000.00 | 891.02 | 108.98 |
| Wells | 2,500.00 | 2,268.49 | 231.51 |
| Bryant Square | 5,000.00 | ..... | 5,000.00 |
| Park Boulevard | 2,000.00 | ..... | 2,000.00 |
| Columbia Park | 10,000.00 | 15.00 | 9,985.00 |
| Logan Park | 10,000.00 | 7.74 | 9,992.26 |
| Triangles | 2,500.00 | 1,952.25 | 547.75 |
| Playgrounds | 5,000.00 | ..... | 5,000.00 |
| Reserve undesignated | 5,819.00 | ..... | 5,819.00 |
| Totals | \$99,319.00 | \$63,604.72 | \$43,124.89 |
| *Less excess expenditure on bathhouse ..... | ..... | ..... | 7,410.61 |
| ..... | ..... | ..... | \$35,714.28 |

Table "D" Continued

\$300,000. Improvement Bond Issue 1909 (\$100,000. sold 1909, \$100,000. sold 1910, \$100,000. sold 1911)

| Parks, Etc. | Appropriations | Expenditures 1909 and 1910 | Expenditures 1911 | Balance in Fund |
|---|---------------------|----------------------------|--------------------|--------------------|
| Lake Calhoun and Lake of Isles (connection)..... | \$90,000.00 | \$71,000.00 | \$19,000.00 | \$18,988.55 |
| Calhoun Boulevard (West)..... | 25,000.00 | ..... | 6,011.45 | 5,000.00 |
| Interlachen (filling swamp)..... | 5,000.00 | ..... | ..... | ..... |
| Cedar Lake and Lake of Isles (connection)..... | 35,000.00 | 8,496.30 | 26,503.70 | ..... |
| North Mpls. Parkway (Lake of Isles to Superior Ave.)..... | 30,000.00 | 1,344.68 | 213.65 | 28,441.67 |
| North Mpls. Parkway (Superior Ave. to Western Ave.)..... | 7,500.00 | 7,500.00 | ..... | ..... |
| North Mpls. Parkway (Western Ave. to 6th Ave. N.)..... | 7,500.00 | 7,500.00 | ..... | ..... |
| Jackson Square..... | 15,000.00 | 15,000.00 | ..... | ..... |
| Van Cleve Park..... | 7,000.00 | 7,000.00 | ..... | ..... |
| North Commons..... | 20,000.00 | 20,000.00 | ..... | ..... |
| Camden Park..... | 5,000.00 | 5,000.00 | ..... | ..... |
| Truett Hill..... | 1,000.00 | 1,000.00 | ..... | ..... |
| East River Flats..... | 4,000.00 | 4,000.00 | ..... | ..... |
| Bluffhorn Lake Park..... | 4,000.00 | 4,000.00 | ..... | ..... |
| Elliot Park..... | 2,000.00 | 1,500.00 | 500.00 | ..... |
| River Road East..... | 8,000.00 | 8,000.00 | ..... | ..... |
| Lake Nokomis..... | 1,000.00 | 817.71 | 182.29 | ..... |
| Small triangles and parks..... | 3,000.00 | 3,000.00 | ..... | ..... |
| Greenhouse extension..... | 10,000.00 | 10,000.00 | ..... | ..... |
| Lyndale Park..... | 4,000.00 | 4,000.00 | ..... | ..... |
| Minnehah Park..... | 4,000.00 | 4,000.00 | ..... | ..... |
| Godfrey Road..... | 1,000.00 | 1,000.00 | ..... | ..... |
| Kenwood Park..... | 2,000.00 | 2,000.00 | ..... | ..... |
| Bryan Square..... | 1,000.00 | 682.75 | 164.76 | 152.48 |
| Wells for different parks..... | 2,000.00 | 2,000.00 | ..... | ..... |
| Minnehaha Parkway (bridges)..... | 2,000.00 | 2,000.00 | ..... | ..... |
| Tools and implements..... | 4,000.00 | 4,000.00 | ..... | ..... |
| Lyndale Farmstead (premium on bonds)..... | 1,299.36 | 1,299.36 | ..... | ..... |
| Camden Park (premium on bonds)..... | 1,519.64 | 519.64 | ..... | ..... |
| Premium undesignated..... | 3,550.00 | ..... | ..... | 3,550.00 |
| Totals | \$305,369.00 | \$196,660.45 | \$52,575.85 | \$56,132.70 |

Table "D"—Continued
\$50,000 Land Bond Issue 1909 (Sold 1909)

| Park | Balance Jan. 1, 1911 | Expended 1911 |
|--|-------------------------|--------------------|
| North Minneapolis Parkway Extension..... | \$24,450.65 | ..... |
| Bryn Mawr Meadows (Valley Drive)..... | | \$795.72 |
| Cedar Lake Boulevard | | 42.93 |
| Glenwood Park | | 129.00 |
| Glenwood-Camden Parkway | | 23,483.00 |
| Totals | \$24,450.65 | \$24,450.65 |

\$275,000 Land Bond Issue 1911 \$150,000. (Sold 1911)

| Park | Received Bonds | Expended | Balances in Fund |
|--|---------------------|---------------------|---------------------|
| Columbia Park Enlargement..... | \$14,897.85 | \$14,153.85 | \$744.00 |
| North Mpls. Parkway Extension..... | 69,523.30 | ..... | ..... |
| Connecting Cedar Lake with Camden Park— | | | |
| Glenwood-Camden Pkwy..\$65,077.33 | ..... | ..... | ..... |
| Cedar Lake Blvd..... | 112.17 | ..... | ..... |
| Glenwood Park | 336.67 | ..... | ..... |
| Lake of Isles (Cedar Lake connection) | 1,219.00 | ..... | ..... |
| Bryn Mawr Meadows..... | 63.56 | ..... | ..... |
| Chowen and West End Triangle | 50.00 | ..... | ..... |
| East Minneapolis Parkway Extension | 4,965.95 | 66,848.73 | 2,674.57 |
| Riverside Park Enlargement..... | 14,897.85 | 26.31 | 4,939.64 |
| Playgrounds | 44,693.55 | 14,902.65 | overdr'wn |
| Playgrounds undistributed ..\$11,727.01 | ..... | ..... | ..... |
| Longfellow Field | 7,140.38 | ..... | ..... |
| Sumner Field | 15,792.37 | ..... | ..... |
| Totals | \$148,978.50 | \$130,591.60 | \$18,392.00 |
| Less Riverside Park excess..... | ..... | ..... | 4.80 |
| Total balance ..... | ..... | ..... | \$18,387.20 |

Summary

| | | | |
|---------|--------------|--|---------------------|
| Balance | \$50,000.00 | Imp. Bond Issue 1907 (\$50,000 unsold).... | \$5,013.93 |
| Balance | \$300,000.00 | Imp. Bond Issue 1909..... | 56,132.70 |
| Balance | \$525,000.00 | Imp. Bond Issue 1911 (\$425,000 unsold)... | 35,714.28 |
| Balance | \$275,000.00 | Land Bond Issue 1911 (\$125,000 unsold)... | 18,387.20 |
| | | | \$115,248.11 |

Park Bonds and Certificates Issued

The Bonds are to be cared for at maturity from the City Sinking Fund, while the Certificates are not a City obligation, but are paid one-tenth each year from the special taxes levied upon benefited property.

Park Bonds Issued

| Date of Issue | Numbers | Amount | Interest | Date of Maturity |
|--------------------|------------|-----------|--------------|------------------|
| June 30, 1883..... | 1 to 200 | \$200,000 | 4½ per cent. | July 1, 1913 |
| Jan. 1, 1884..... | 201 to 300 | 100,000 | 4½ per cent. | Jan. 1, 1914 |
| July 1, 1884..... | 301 to 523 | 223,000 | 4½ per cent. | July 1, 1914 |
| May 1, 1889..... | 524 to 623 | 100,000 | 4 per cent. | May 1, 1919 |
| Nov. 1, 1889..... | 624 to 688 | 65,000 | 4 per cent. | Nov. 1, 1919 |
| Apr. 30, 1892..... | 689 to 728 | 40,000 | 4 per cent. | Apr. 30, 1922 |
| May 1, 1893..... | 729 to 748 | 20,000 | 4 per cent. | May 1, 1923 |
| Apr. 1, 1902..... | 749 to 818 | 70,000 | 3½ per cent. | Apr. 1, 1932 |

Certificates of Indebtedness Issued and Paid in Full

| Date of Issue | Numbers | Amount For What Purchase | Amt. Paid |
|----------------|-------------|------------------------------------|-----------------------|
| Sept. 2, 1889 | 1 to 30 | \$100,000.00 Glenwood Park | \$100,000.00 |
| Jan. 16, 1890 | 31 to 33 | 113,000.00 Interlachen | 113,000.00 |
| Mar. 6, 1890 | 34 to 53 | 75,000.00 Van Cleve Park | 75,000.00 |
| Aug. 23, 1890 | 54 to 60 | 105,000.00 Loring Park | 105,000.00 |
| Dec. 15, 1890 | 61 | 3,462.00 Rauven Triangle | 3,462.00 |
| June 12, 1891 | 84 | 2,394.00 Cedar Avenue Triangle.... | 2,394.00 |
| May 23, 1891 | { 62 to 105 | | |
| Sept. 17, 1891 | { except 84 | 145,099.65 Powderhorn Park | 145,099.65 |
| Jan. 16, 1892 | 106 | 22,565.00 Dean's Addition | 22,565.00 |
| Oct. 15, 1892 | 107 | 750.00 Minnehaha Parkway | 750.00 |
| Dec. 19, 1892 | 108 to 141 | 208,376.50 Columbia Park | 208,376.50 |
| Jan. 31, 1893 | 142 to 143 | 4,605.15 Columbia Park | 4,605.15 |
| Mar. 15, 1893 | 144 to 157 | 66,500.00 Hiyata Park | 66,500.00 |
| Mar. 18, 1893 | 158 to 162 | 28,600.00 Columbia Park | 28,600.00 |
| Mar. 20, 1893 | 163 to 183 | 33,250.00 Hiyata Park | 33,250.00 |
| Dec. 30, 1893 | 184 to 209 | 99,311.10 St. Anthony Parkway.... | 99,311.10 |
| Dec. 19, 1894 | 210 | 3,600.00 St. Anthony Parkway.... | 3,600.00 |
| Mar. 15, 1897 | 211 | 1,445.00 Humboldt Triangle | 1,445.00 |
| | | \$1,011,018.40 | \$1,011,018.40 |

**Certificates of Indebtedness Issued Upon which Payments of One-tenth are
Being Made Each Year**

| Date of Issue | Numbers | Amount | For What Purchase | Amt. Paid |
|----------------|------------------------------------|----------------|---|--------------|
| Apr. 25, 1904 | { 212 to 256 except 223 | \$103,127.70 | The Parade | \$72,189.39 |
| Apr. 30, 1904 | 223 | 7,660.00 | Bryant Square | 5,362.00 |
| Oct. 30, to | | | Jackson Square | 1,706.25 |
| Nov. 1, 1905 | 301 to 370 | 3,412.50 | Tower Hill | 9,750.00 |
| June 14, 1906 | 371 to 372 | 19,500.00 | Euclid Triangle | 1,060.00 |
| June 26, 1907 | 373 | 2,050.00 | North Commons | 19,500.00 |
| June 20, 1907 | 374 to 384 | 48,750.00 | Lake Calhoun | 5,460.00 |
| July 15 } 1907 | 385 and 389 | 13,650.00 | The Parade enlargement..... | 10,956.00 |
| July 16 } | | | Kenwood Park | 61,875.04 |
| July 16-20, } | { 386 to 348 } { 390 to 392 } | 27,300.00 | Lake Calhoun enlargement... | 6,356.70 |
| Aug. 23, 1907 | 393 to 438 | 102,187.60 | Minnehaha Park enlargement. | 2,680.80 |
| Oct. 24, 1907 | { 439 to 445 } { 447 to 460 } | 21,180.00 | Stevens Square | 12,480.00 |
| Dec. 3, 1907 | 461 to 470 | 8,036.00 | St. Anthony Parkway..... | 459.00 |
| Dec. 31, 1907 | 471 to 479 | 41,690.00 | Lake Nokomis | 16,676.55 |
| Dec. 31, 1907 | 480 | 1,530.00 | | |
| Apr. 7, 1908 | { 481 to 516 } { 524 to 539 } | 53,588.50 | Lyndale Farmstead | 3,990.00 |
| June 7, 1908 | 540 | | Lake of the Isles Park..... | 1,911.00 |
| June 24, 1908 | 559 to 579 | 13,300.00 | Powderhorn Lake Park..... | 9,917.70 |
| May 7, 1908 | 550 to 562 | 6,370.00 | | |
| June 9, 1908 | 563 to 568 | 33,059.00 | Camden Park | 15,229.50 |
| Aug. 14, 1908 | { 541 to 547 } { 580 to 589 } | | The Gateway | 126,902.00 |
| Oct., 1908 | 590 to 602 | 50,765.00 | Cedar Lake Boulevard | 1,290.60 |
| Dec., 1908 | 603 to 604 | 634,510.00 | Powderhorn Lake Park en- largement | 1,443.00 |
| Dec. 30, 1908 | { 605 to 810 } { 819 to 827 } | 6,453.00 | Glenwood Park | 1,956.00 |
| July 6, 1909 | 816 and 818 | 9,780.00 | | |
| May 24, to | { 811 to 812 } { 828 and 846 } | 7,215.00 | Glenwood Park | 15,305.00 |
| Oct. 6, 1909 | { 813 and 814 } { 815 and 817 } | | Elliot Park enlargement..... | 6,054.40 |
| July 6, to | { 834 to 839 } { 847 to 851 } | 30,272.00 | Lake of the Isles | 1,066.70 |
| Dec. 18, 1909 | 829 to 833 | 10,667.00 | Groveland Triangle | 864.40 |
| Sept. 1, 1909 | 852 | 8,644.00 | Audubon Park | 520.00 |
| Dec. 8, 1909 | 853 | 5,200.00 | Hiawatha Triangle | 286.00 |
| Dec. 20, 1909 | 854 | 2,860.00 | Powderhorn Lake Park en- largement | 585.00 |
| July 21, 1910 | 855 | 5,850.00 | | |
| Sept. 7, 1910 | 856 | | Bryn Mawr Meadows | * |
| Sept. 7, 1910 | | | Riverside Park enlargement.. | * |
| Feb. 20 to | | | Glenwood-Camden Parkway.. | * |
| Apr. 19, 1911 | 857 to 861 | 4,157.00 | Washburn Fair Oaks..... | † |
| June 20, 1911 | 862 to 868 | 33,282.00 | | |
| Aug. 10 } | | | | |
| Sept. 9 } | 869 to 880 | 79,196.60 | | |
| Sept. 12 } | | | | |
| Dec. 20, 1911 | 881 to 992 | 272,000.00 | | |
| Totals | | \$1,883,801.90 | | \$416,833.03 |

* First payment 1912. † First payment 1913.

Inventory of Parks and Parkways

Based on original cost of lands purchased and improvements made to December 31, 1911, and estimate made by the standing committee on finance of the value of donated lands.

| Name of Park— | LAND | | IMPROVEMENTS | | Total |
|--|----------------|-------------------|----------------|-------------------|----------------|
| | Purchase Price | Value of Donation | Expenditure | Value of Donation | |
| Audubon Park | \$5,441.08 | | \$68.48 | | \$5,509.56 |
| Barnes Place | | \$3,000.00 | 1,295.65 | | 4,295.65 |
| Bryant Square | 7,933.25 | | 998.17 | | 8,931.42 |
| Bryn Mawr Meadows | 32,737.00 | | | | 32,737.00 |
| Camden Park | 51,000.05 | | 16,974.58 | \$30,000.00 | 97,974.63 |
| Cedar Lake Boulevard | 13,502.51 | | 1,281.78 | | 14,784.29 |
| Columbia Park | 234,600.54 | | 35,034.88 | | 269,635.42 |
| Dean Boulevard | 233.70 | 16,000.00 | 13,545.94 | | 29,779.64 |
| Dorilus Morrison Park | 36.01 | 200,000.00 | 36.52 | | 200,072.53 |
| East Mpls. Pky. Extn. | 175.06 | | | | 175.06 |
| Elliot Park | 53,901.13 | 32,500.00 | 19,881.35 | | 106,282.48 |
| Euclid Triangle | 2,829.43 | | 1,693.68 | | 4,523.11 |
| Farview Park | 34,654.91 | 15,000.00 | 38,097.00 | | 87,751.91 |
| Farwell Park | 26.53 | 5,000.00 | 1,353.22 | | 6,379.75 |
| Forest Heights Parks | | 5,350.00 | 10,320.46 | | 15,670.46 |
| Franklin Steel Square | | 30,000.00 | 4,942.76 | | 34,942.76 |
| Glenwood Park | 296,949.63 | | 20,379.00 | | 317,328.63 |
| Glenwood-Camden Pky. | 167,678.11 | | | | 167,678.11 |
| Groveland Triangle | 8,978.89 | | 163.48 | | 9,142.37 |
| Hiawatha Triangle | 2,974.69 | | 11.56 | | 2,986.25 |
| Humboldt Triangle | 1,553.45 | | 1,212.69 | | 2,766.14 |
| Interlachen | 113,513.05 | | 16,358.41 | | 129,871.46 |
| Jackson Square | 4,462.82 | | 19,357.01 | | 23,819.83 |
| Kenwood Park | 162,847.60 | | 4,594.48 | | 167,442.08 |
| Kenwood Parkway | 204.15 | 20,000.00 | 47,690.49 | | 87,894.64 |
| King's Highway | 485.02 | 10,000.00 | 41,692.24 | | 52,177.26 |
| Lake Calhoun | 126,955.24 | | 150,201.98 | 12,000.00 | 289,157.22 |
| Lake Harriet | 10,300.50 | 45,000.00 | 168,480.25 | | 223,780.75 |
| Lake of the Isles | 68,597.98 | 20,000.00 | 303,253.02 | | 391,851.00 |
| Lake Nokomis | 64,883.94 | | 1,722.65 | | 66,606.59 |
| Logan Park | 60,872.97 | | 20,049.60 | | 80,922.57 |
| Longfellow Field | 7,140.38 | | | | 7,140.38 |
| Loring Park | 343,693.31 | | 103,155.87 | 8,500.00 | 455,349.18 |
| Lowell Square | | 4,000.00 | 1,692.61 | | 5,692.61 |
| Lyndale Farmstead | 21,175.55 | | 63,346.98 | | 84,522.53 |
| Lyndale Park | 6,705.03 | 65,000.00 | 33,408.62 | | 105,113.65 |
| Maple Hill | 8,003.88 | | 1,006.16 | 5,000.00 | 14,010.04 |
| Minnehaha Parkway | 49,764.35 | 30,000.00 | 69,146.06 | | 148,910.44 |
| Mississippi Park— | | | | | |
| Minnehaha Park | 123,083.35 | | 125,607.58 | | 248,690.93 |
| Riverside Park | 109,308.58 | | 28,822.17 | | 138,130.75 |
| River Road, East | 150,339.60 | 5,000.00 | 52,586.65 | | 207,926.25 |
| River Road, West | 43,842.39 | | 20,825.79 | | 64,668.18 |
| Murphy Square | | 15,000.00 | 8,077.57 | | 23,077.57 |
| North Commons | 49,126.97 | | 26,610.20 | | 75,737.17 |
| Oak Lake Parks | 6.45 | 5,525.00 | 2,639.31 | | 8,169.76 |
| Powderhorn Lake Park | 260,779.84 | | 82,968.43 | | 343,748.27 |
| Richard Chute Square | 18,956.95 | | 1,802.18 | | 20,759.13 |
| Stevens Square | 41,819.08 | | 1,147.92 | | 42,967.00 |
| Stinson Boulevard | | 3,000.00 | 7,651.99 | | 10,651.99 |
| Sumner Field | 15,792.37 | | | | 15,792.37 |
| The Gateway | 634,511.00 | | 432.00 | | 634,943.00 |
| The Parade | 280,272.45 | 152,575.00 | 14,900.03 | 12,742.54 | 460,490.02 |
| Tower Hill | 19,877.33 | | 1,491.26 | | 21,368.59 |
| Triangles | 14,023.87 | | 4,460.68 | | 18,484.55 |
| Twenty-ninth St. Blvd. | 130.99 | | | | 130.99 |
| Van Cleve Park | 75,348.85 | | 27,980.16 | | 103,329.01 |
| Washburn Fair Oaks | 272,000.00 | | | | 272,000.00 |
| Wilson Park | | 20,000.00 | 6,071.45 | | 26,071.45 |
| Windom Park | 25,344.94 | | 17,307.65 | | 42,652.59 |
| Playgrounds (not named) | 11,729.01 | | | | 11,729.01 |
| Totals | \$4,111,104.89 | \$701,950.00 | \$1,643,800.65 | \$68,242.54 | \$6,525,098.08 |
| Trees planted on city streets | | | | | \$96,977.36 |
| Tools and personal property | | | | | 52,127.50 |
| Nursery (trees and shrubbery) | | | | | 14,141.66 |
| Stock in greenhouses | | | | | 1,633.80 |
| Lake Harriet refectory equipment | | | | | 2,772.54 |
| Minnehaha Park refectory equipment | | | | | 2,544.89 |
| Refreshment stand equipment | | | | | 671.53 |
| Supplies (undistributed) | | | | | 4,017.83 |
| Lake Harriet refectory (stock) | | | | | 213.78 |
| Minnehaha refectory (stock) | | | | | 696.76 |
| Refreshment stands (stock) | | | | | 193.13 |
| Total | | | | | \$175,995.48 |

Schedule of Parks Minneapolis, Minn.

| | Net Acres | How and When Acquired. | Location. |
|-------------------------------|-----------|---|--|
| Audubon Park | 5.99 | Purchased. Resolution, July 21, 1910. | Fillmore St. and 29th Ave. N. E. |
| Barnes Place | 1.75 | Donated. Deed, J. C. Orser, April 18, 1889. | Elwood Ave. and 9th Ave. N. E. |
| Bryant Square | 7.68 | Purchased. Resolution, March 2, 1903. | Bryant Ave. So. and 31st St. |
| Camden Park | 39.30 | Purchased. Resolutions, Oct. 3, 1910, Jan. 21, 1911. | Between Great Northern Ry. and Osseo Division. |
| Cedar Lake Boulevard | 21.30 | Purchased. Resolutions, July 20, 1908, Oct. 5, 1908. | Washington, Lyndale and 44th Ave. No. |
| Cedar Lake Triangle | 12.87 | Purchased. Resolution, April 6, 1908. | No. and W. Shore Cedar Lake. |
| Chowen Triangle | 0.021 | Purchased. Deed, Edmund Elchhorn, June 12, 1891. | Cedar Ave. and 7th St. So. |
| Clifton Triangle | 0.057 | Purchased. Deed, A. J. Dean et al., Sept. 28, 1911. | West 28th St. and Chowen Ave. |
| Columbia Park | 0.031 | Transferred from City Council, Aug. 16, 1889. | Clifton Ave. and Clifton Place. |
| | 184.97 | Purchased. Resolutions, Dec. 15, 1892, March 6, 1893, Dec. 5, 1910, March 20, 1911. | |
| Cottage Park | 0.50 | Donated. Dedicated in plat of Forest Heights, July 31, 1883. | Central Ave. and 31st Ave. N. E. |
| Crystal Lake Triangle | 0.053 | Purchased. Resolution, July 21, 1910. | James and Iilon Aves. No. |
| Dean Boulevard | 15.30 | Donated. Deed, A. J. Dean et al., July 6, 1892. | Crysal Lake Ave. and 30th Ave. No. |
| Deer Triangle | 0.037 | Transferred from City Council. | South side Lake of the Isles to Lake Calhoun. |
| Douglas Park | 8.40 | Donated. Deed, John S. Elliott, April 24, 1911. | Sell Place to West Curve. |
| Elliot Park | 0.024 | Donated. Deed, John S. Elliott and wife, July 14, 1883; balance purchased. Deed, Jan. 9, 1884, and Resolution, May 4, 1908. | Twenty-second St. E. and Stevens Ave. |
| Elmwood Triangle | 0.02 | Donated. Deed, W. L. Sawyer and wife, Aug. 14, 1898. | Eighth St. and 9th Ave. So. |
| Euclid Triangle | 0.33 | Purchased. Deed, M. M. Marcy and wife, May 24th, 1907. | Elmwood Place and Luverne Ave. |
| Farview Park | 20.82 | Purchased. Resolution, May 12, 1883. | Euclid Place and W. 28th St. |
| | 1.22 | Donated. Dedicated in plat of Oak Park Supplement, June 4, 1889. | Lyndale and 28th Aves. No. |
| Franklin Steele Square | 1.54 | Donated. Deeded to city by Mary C. Morris, Catherine B. Steele and Caroline H. Addison and transferred by city council, April 27, 1883. | Sheridan Ave. No. and Farwell Place. |
| Glen Gale | 1.65 | Donated. Dedicated in plat of Forest Heights, July 31, 1883. | Portland Ave. and E. 16th St. |
| Glenwood Park | 584.60 | Purchased. Deeds, 1890. Resolution, April 6, 1908. | Irrving and 23rd Aves. No. |
| Glenwood-Camden Parkway | 164.56 | Purchased. Resolutions, July 21, 1910, July 11, 1911. | Western and Abbott Aves. No. |
| Grosedale Triangle | 0.209 | Purchased. Deed, C. M. Pond et al., Nov. 1910. | From Grosedale Park to 19th Ave. No. to Camden Park via. |
| Hawthia Triangle | 0.50 | Purchased. Deed, Sept. 6, 1910. | West Curve Limited and 45th Ave. No. |
| Higland Oval | 0.058 | Donated. Deed, S. C. Gale et al., May 25, 1885, Oct. 15, 1890. | Glenwood and Forest Aves. |
| Hillside Triangle | 0.697 | Transferred from City Council. Resolution, Sept. 30, 1892. | Minnehaha Ave. and 32nd St. |
| Humboldt Triangle | 0.35 | Purchased. Deeds, A. B. McDowell et al., L. L. Bennett, March 15, 1897. | Hillside and Logan Aves. No. |
| Interlachen | 25.50 | 1.75 acres donated, .50 acres filled, balance purchased. Deeds, J. Dean and wife, Dec. 18, 1889; A. Ueland et al., Dec. 26, 1889. | 9th Ave. No. and Elwood Ave. |
| Irrving Triangle | .11 | Donated. Dedicated in plat of Forest Heights, July 31, 1883. | South of Lake Calhoun, from 38th to 40th Sts. W. |
| Jackson Square | 2.32 | Purchased. Resolution, March 15, 1907. | Irrving and 22nd Aves. No. |
| Kenwood Park | 33.45 | Purchased. Resolution, March 4, 1907. | Twenty-second Ave. N. E. and Jackson St. |
| Kenwood Parkway | 20.60 | Donated. Deeds, F. W. Hitchings et al., Aug. 24, 1886. | West of the Isles. So. and between Mt. Curve Ave. and Lake of the Isles. |
| King's Highway | 14.73 | Donated. Deeds, W. S. King and wife, June 15, 1891. | Hennepin Ave. to Lake of the Isles Boulevard. |
| Lake Calhoun | 522.60 | Purchased. Resolutions, Oct. 20, 1883, Dec. 5, 1885, March 16, 1907, June 26, 1908. | Thirty-eighth to 48th St. and along 46th to Lake Harriet. |
| Lake Harriet | 408.00 | 3.25 acres purchased. Deed, Peter Sutherland, March 7, 1898; balance donated. Deeds, I. V. D. Reeve et al., 1885; H. B. Brand et al., 1888. | Surrounding and including Lake Calhoun. |
| Lake of the Isles Park | 200.00 | Purchased and donated. Resolutions, July, 1886, and later dates. | Surrounding and including Lake Harriet. |
| Lake Nokomis | 409.60 | Purchased. Resolution, July 15, 1907. | Surrounding and including Lake of the Isles. |
| Lakeside Oval | 0.316 | Donated. Dedicated in plat Oak Lake, Oct. 22, 1873. | Surrounding and including Lake Nakomis. |
| Logan Park | 10.08 | Purchased. Jan. 21, 1911. | No. of Lakeside Ave. In Oak Lake Addition. |
| Longfellow Field | 4.22 | Purchased. Deed, J. B. McIlmore, July 18, 1911. | Laurel Ave. and Cedar Lake Road. |
| Loring Park | 30.34 | Purchased. Deeds, F. F. Peet et al., 1863; J. C. Place et al., 1860. | Broadway and Monroe St. |
| Lovell Square | 1.35 | Donated. Deed, J. C. Barnes, Lovell, April 18, 1869. | Minnehaha Ave. between 28th and 29th Sts. |
| Lowry Triangle | 0.16 | Transferred from City Council. | Hennepin and Harmon Place. |
| | 14.26 | | Irrving and 40th Aves. No. |
| | | | Between Broadway and Vineland Place. |

| | | | |
|----------------------------|-----------|--|--|
| Maple Hill Park..... | 8.04 | Purchased by City. Deed. M. J. Cummings, May 25, 1908 | Between Polk, Fillmore, Summer and Broadway Aves. & 2d. |
| Mississippi Park..... | 142.04 | Purchased. Deed. State of Minn. et al., June, 1889. Resolutions, May 19, 1902, Jan. 17, 1903, June 3, 1907. | Minnehaha Ave. and 48th St. |
| Riverside Park..... | 42.28 | Purchased. Resolutions, July 28, 1883, July 20, 1910. | Sixth St. and 26th Ave. So. |
| River Road, East..... | 82.50 | Purchased. Deeds, 1885. Resolutions, Aug. 1, 1892. Deed, July 12, 1889. | Arlington St. to City Limits. |
| River Road, West..... | 175.36 | Purchased. Resolutions, Feb. 17, 1902, April 21, 1902, July 14, 1903, Aug. 1, 1903. Deeds, 1885. | Franklin Ave. to Minnehaha Park. |
| Minnehaha Parkway..... | 177.07 | 71.44 acres, and 107.92 acres, balance donated. | Lake Harriet to Minnehaha Park. |
| Monroe Place Triangle..... | 0.048 | Transferred from City Council. Resolution, June 9, 1911. | Monroe, 7th St. and 3rd Ave. N. E. |
| Mount Curve Triangle..... | 0.05 | Transferred from City Council. Resolution, April 30, 1896. | Mount Curve and Fremont Ave. So. |
| Murphy Square..... | 3.33 | Donated. Deeded to City by Edward Murphy and transferred from City Council, April 27, 1883. | Seven and One-half St. and 22nd Ave. So. |
| Newton Triangle..... | 0.12 | Transferred from City Council. Resolution, Sept. 30, 1892. | Hillside and Newton Aves. No. |
| Normanna Triangle..... | 0.07 | Transferred from City Council. | Minnehaha Ave. and E. 22nd St. |
| North Commons..... | 25.74 | Purchased. Deeds, L. P. Henry et al. and Louise W. McNair, June 20, 1907. | Between Morgan, James, 16th and 19th Aves. No. |
| Oak Lake..... | 1.33 | Donated. Dedicated in plat Oak Lake, Oct. 22, 1873. | Between Lakeside and Border Aves. |
| Oliver Triangle..... | 0.04 | Donated. Dedicated in plat, July 31, 1883. | Twenty-first Ave. No. and Oliver Ave. |
| Powderhorn Lake Park..... | 63.22 | Purchased. Deeds, 1908. Resolutions, May 4, 1889—1891, Aug., 1908. | Tenth Ave. So. and 32nd St. |
| Rancon Triangle..... | 0.027 | Purchased. Deed, David P. Jones, Dec. 18, 1890. | Eleventh Ave. So. and 15th St. |
| Richard Chute Square..... | 1.07 | Purchased. Resolution, Nov. 2, 1903. Oct. 22, 1873. | University Ave. and 1st Ave. S. E. |
| Royalston Triangle..... | 0.20 | Donated. Dedicated in plat Oak Lake, Oct. 22, 1873. | Sixth Ave. No. and Royalston Ave. |
| Small Triangle..... | 0.01 | Donated. Deed, C. A. Smith and wife, Dec. 29, 1889. | Royalston and Highland Aves. |
| Smith Triangle..... | 0.26 | Donated. Deed, C. A. Smith and wife, Dec. 29, 1889. | Hennepin Ave. and 24th St. |
| Stevens Place..... | 0.06 | Transferred from City Council. | Portland Ave. and Grant St. |
| Stevens Square..... | 2.48 | Purchased. Deeds, R. J. Hill et al., Dec. 31, 1907. | Between 18th and 19th Sts., Stevens and 2nd Ave. So. |
| Stinson Boulevard..... | 15.10 | Donated. Deed, James Stinson, Feb. 20, 1883. | Oak St. from Division St. to 11th Ave. N. E. |
| Summer Field..... | 3.01 | Purchased. Resolution, July 17, 1911. | Between Bryant and Dupont Aves. No., between 8th and 11th. |
| Svea Triangle..... | 0.089 | Donated. Deeds, June 14, 1906. | Riverside Ave. and 26th Ave. So. |
| Tower Hill..... | 4.70 | Purchased. Resolution, Aug. 17, 1908. | University Ave. between Clarence & Malcolm. |
| The Gateway..... | 0.903 | Purchased. Deeds, 1908. Resolutions, March, 1883. | Between Hennepin, Washington, Nicolet and 2nd St. |
| The Parade..... | 68.00 | Purchased. Deeds, 1908. Resolutions, March, 1883. Deeds from Thos. Lowry, W. H. D. and J. D. et al., Dec. 7, 1903. | Kenwood Parkway, Lyndale Ave., Erie Ave. and R. R. Como Ave. and 14th Ave. S. E. |
| Van Cleve Park..... | 6.97 | Jan. 19, 1905, Jan. 20, 1906, March 4, 1907. | Hennepin, Lyndale and Groveland Aves. |
| Virginia Triangle..... | 1.67 | Donated. Deed, A. W. French and wife, Jan. 20, 1900. | Stevens, Third Ave. So. between 22nd and 24th. |
| Washington Fair Oaks..... | 7.48 | Purchased. Deed, W. D. Washburn and wife, Dec., 1911. | Washington St. and 8th Ave. N. E. |
| Washington Triangle..... | 0.04 | Transferred from City Council. Resolution, Aug. 10, 1894. | West 28th St. and Cedar Lake Ave. |
| West End Triangle..... | 0.132 | Purchased. Deed, A. J. Dean et al., Sept. 28, 1911. | Hawthorn Ave. and 12th St. No. |
| Wilson Park..... | 1.13 | Transferred from City Council, April 27, 1883. | Johnson St. and 25th Ave. N. E. |
| Wilson Park..... | 8.63 | Purchased. Deed, Thos. Montion and wife, Nov. 23, 1887. | Twenty-sixth St. and 10th Ave. So. |
| Wilson Park..... | 27.08 | Purchased. Deeds, C. A. Pidgeon and wife, Sept. 1, 1911. | |
| Play grounds, not named | 3,685.980 | Jas. T. Plant, Dec. 15, 1911. | |

LENGTH OF DRIVES IN PARKS AND PARKWAYS

| | | | |
|--------------------------------------|------------|---------------------------|-------------|
| Calhoun Boulevard..... | 1.93 Miles | River Road West..... | 3.60 Miles |
| Dean Boulevard..... | .75 Miles | Riverside Park..... | .62 Miles |
| Interlachen..... | .25 Miles | Windom Park..... | .22 Miles |
| Kenwood..... | 1.50 Miles | Parview Park..... | .85 Miles |
| King's Highway..... | 1.50 Miles | Powderhorn Lake Park..... | 1.27 Miles |
| Lake Harriet, Credit Drive..... | 2.80 Miles | Columbia Park..... | 1.41 Miles |
| Lake Harriet, Additional Drives..... | 2.40 Miles | Minnehaha Park..... | 1.42 Miles |
| Lake of the Isles..... | 2.80 Miles | Lyndale Park..... | 1.10 Miles |
| Minnehaha Parkway..... | 5.55 Miles | Total..... | 33.09 Miles |
| River Road, East..... | 2.45 Miles | | |
| Stinson Boulevard..... | .75 Miles | | |
| Lake Calhoun..... | | 490 Acres | |
| Lake Harriet..... | | 353 Acres | |
| Lake of the Isles..... | | 107 Acres | |
| Powderhorn Lake..... | | 9 Acres | |
| Lake Nokomis..... | | 295 Acres | |
| Glenwood Lake..... | | 38 Acres | |
| Brownie Lake..... | | 18 Acres | |
| Loring Lake..... | | 7 1/2 Acres | |

WATER AREAS

